

9/22/98

(FILE 'USPAT' ENTERED AT 11:34:53 ON 19 NOV 1998)

L1	109 S 705/35/CCLS
L2	154 S FINANCIAL INSTRUMENTS
L3	25 S VIDEO WALL
L4	53 S CORPORATE LOGOS
L5	1306 S VALUE INFORMATION
L6	4 S GRAPHIC IDENTIFIER
L7	0 S GRAPHIC IDENTIFIER INFORMATION
L8	0 S L2 AND L3
L9	0 S L2 AND L4
L10	8 S L2 AND L5
L11	16 S L1 AND L2
L12	0 S L11 AND L5
L13	0 S L11 AND L6
L14	1 S TICKER FEED?
L15	356 S MARKET CONDITIONS
L16	120 S MARKET DATA
L17	13 S L15 AND L16
L18	8 S L1 AND L15
L19	5 S L1 AND L16

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PLEASE ENTER HOST PORT ID:
PLEASE ENTER HOST PORT ID:x
LOGINID:d270ajb
PASSWORD:
TERMINAL (ENTER 1, 2, 3, 4, OR ?):□3
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2. 5,742,677, Apr. 21, 1998, Information terminal having reconfigurable memory; Howard G. Pinder, et al., 380/4, 21, 25 [IMAGE AVAILABLE]

✓ 3. 5,740,549, Apr. 14, 1998, Information and advertising distribution system and method; James P. Reilly, et al., 705/14 [IMAGE AVAILABLE]

4. 5,710,889, Jan. 20, 1998, Interface device for electronically integrating global financial services; Barry Alan Clark, et al., 345/344; 235/379, 380; 705/35, 39, 42 [IMAGE AVAILABLE]

5. 5,557,798, Sep. 17, 1996, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 705/35, 364/280, 281.3, 284, 284.3, DIG.1; 395/200.45, 200.59, 682 [IMAGE AVAILABLE]

? 6. 5,537,526, Jul. 16, 1996, Method and apparatus for processing a display document utilizing a system level document framework; David R. Anderson, et al., 707/515; 345/331, 346; 707/501, 512 [IMAGE AVAILABLE]

✓ 7. 5,257,369, Oct. 26, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/239.9, 240.8, 240.9, 284, DIG.1; 395/200.59 [IMAGE AVAILABLE]

✓ 8. 5,220,500, Jun. 15, 1993, Financial management system; Andrew V. Baird, et al., 705/36 [IMAGE AVAILABLE]

9. 5,208,665, May 4, 1993, Presentation player for an interactive digital communication system; Karl W. McCalley, et al., 348/12; 455/5.1 [IMAGE AVAILABLE]

10. 5,195,092, Mar. 16, 1993, Interactive multimedia presentation & communication system; Steven D. Wilson, et al., 348/13; 340/825.5; 348/19; 370/498, 528 [IMAGE AVAILABLE]

11. 5,191,410, Mar. 2, 1993, Interactive multimedia presentation and communications system; Karl W. McCalley, et al., 348/13; 379/93.12 [IMAGE AVAILABLE]

✓ 12. 5,187,787, Feb. 16, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/225, 227.2, 240.8, 242.94, 242.95, 242.96, 246.3, 260.4, 260.9, 281.3, 282.1, 284, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

13. 5,122,795, Jun. 16, 1992, Scanning receiver for nationwide radio paging system; H. Dean Cubley, et al., 340/825.44; 455/31.2, 32.1 [IMAGE AVAILABLE]

✓ 14. 5,113,496, May 12, 1992, Bus interconnection structure with redundancy linking plurality of groups of processors, with servers for each group mounted on chassis; Karl W. McCalley, et al., 395/306; 340/825.03, 827; 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238, 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1, 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2, 284.3, 931.43, 940.68, DIG.1; 395/182.02 [IMAGE AVAILABLE]

Company Logo

=> d his

```
(FILE 'USPAT' ENTERED AT 17:23:39 ON 19 NOV 1998)
L1      19 S DISPLAY# (6W) (STOCK TICKER# OR STOCK SYMBOL# OR STOCK P
RIC
L2      517 S COMPAN? LOGO# OR LOGO# OF COMPAN?
L3      0 S L1 AND L2
L4      25 S DISPLAY# (6W) (COMPAN? LOGO# OR LOGO# OF COMPAN?)
L5      0 S L4 AND L1
L6      99056 S STOCK
L7      1 S L4 AND L6
L8      0 S ( STOCK SYMBOL# AND COMPAN? LOGO#)
L9      0 S L1 AND L2
L10     0 S DIPLSLAY? COMPAN? LOGO#
L11     1 S DISPLAY? COMPAN? LOGO#
L12     34 S DISPLAY? (6W) (COMPAN? LOGO# OR LOGO# OF COMPAN?)
L13     0 S L1 AND L12
L14     262 S (STOCK TICKER# OR STOCK SYMBOL# OR STOCK PRICE#)
L15     0 S L12 AND L14
L16     19346 S 345*/CCLST
L17     6 S L12 AND L16
```

=> d 1-6

1. 5,371,851, Dec. 6, 1994, Graphical data base editor; Chris M. Pieper, et al., 345/507 [IMAGE AVAILABLE]

2. 5,296,869, Mar. 22, 1994, Digital engine analyzer; Gary D. Jonker, et al., 345/24; 73/117.3; 324/394; 345/140; 701/102 [IMAGE AVAILABLE]

3. 5,258,753, Nov. 2, 1993, Digital engine analyzer; Gary D. Jonker, et al., 345/140; 73/117.3; 324/379; 345/133; 701/102 [IMAGE AVAILABLE]

4. 5,250,935, Oct. 5, 1993, Waveform peak capture circuit for digital engine analyzer; Gary D. Jonker, et al., 345/134; 324/379; 701/102; 702/67 [IMAGE AVAILABLE]

5. 5,247,287, Sep. 21, 1993, Digital engine analyzer; Gary D. Jonker, et al., 345/134; 324/121R, 379; 345/140; 701/102; 702/67 [IMAGE AVAILABLE]

6. 5,245,324, Sep. 14, 1993, Digital engine analyzer; Gary D. Jonker, et al., 345/134; 324/121R, 379; 345/11, 169; 701/102 [IMAGE AVAILABLE]

=> d 1-6 kwic

US PAT NO: 5,371,851 [IMAGE AVAILABLE]
US-CL-CURRENT: 345/507

L17: 1 of 6

DETDESC:

DETD(99)

If the window is too small to display the Workbench area, TekWAVES

displays the company logo.

US PAT NO: 5,296,869 [IMAGE AVAILABLE] L17: 2 of 6
US-CL-CURRENT: 345/24; 73/117.3; 324/394; 345/140; 701/102

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also display a company logo or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,258,753 [IMAGE AVAILABLE] L17: 3 of 6
US-CL-CURRENT: 345/140; 73/117.3; 324/379; 345/133; 701/102

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also display a company logo or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,250,935 [IMAGE AVAILABLE] L17: 4 of 6
US-CL-CURRENT: 345/134; 324/379; 701/102; 702/67

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also display a company logo or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,247,287 [IMAGE AVAILABLE] L17: 5 of 6
US-CL-CURRENT: 345/134; 324/121R, 379; 345/140; 701/102; 702/67

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also display a company logo or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,245,324 [IMAGE AVAILABLE] L17: 6 of 6
US-CL-CURRENT: 345/134; 324/121R, 379; 345/11, 169; 701/102

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also display a company logo or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

9/22/98

- ✓ 1. 5,809,483, Sep. 15, 1998, Online transaction processing system for bond trading; S. William Broka, et al., (705/37) [IMAGE AVAILABLE]
2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47 [IMAGE AVAILABLE]
- X 3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user definable video displayed document showing changes in real time data; Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]
- X 4. 5,270,922, Dec. 14, 1993, System for distributing, processing and displaying financial information; Gerard M. Higgins, (705/37); 340/825.26 [IMAGE AVAILABLE]
- ✓ 5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]
- X 6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]
- ✓ 7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115; 340/825.26 [IMAGE AVAILABLE]
- 8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., (345/124); 340/825.26; 345/25, 28 [IMAGE AVAILABLE]
- ? 9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]
- ✓ 10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W. Andrews, et al., (345/148); 340/825.26 [IMAGE AVAILABLE]
- ✓ 11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., (345/56); 340/825.26; 377/129 [IMAGE AVAILABLE]
12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS; Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

=> s financila display?

```
      0 FINANCILA
289378 DISPLAY?
L3      0 FINANCILA DISPLAY?
        (FINANCILA(W)DISPLAY?)
```

=> s financial display?

```
      7414 FINANCIAL
289378 DISPLAY?
L4      0 FINANCIAL DISPLAY?
        (FINANCIAL(W)DISPLAY?)
```

=> s display? (6w) (stock ticker# or stock symbol# or stock price#)

288705 DISPLAY?
98886 STOCK
208 TICKER#
41 STOCK TICKER#
(STOCK(W)TICKER#)
98886 STOCK
104844 SYMBOL#
18 STOCK SYMBOL#
(STOCK(W)SYMBOL#)
98886 STOCK
52390 PRICE#
219 STOCK PRICE#
(STOCK(W)PRICE#)

L5 23 DISPLAY? (6W) (STOCK TICKER# OR STOCK SYMBOL# OR STOCK PRICE#)

=> d 1-23

L5 ANSWER 1 OF 23 USPATFULL
AN 1998:140331 USPATFULL
TI Method for preserving and reusing software objects associated with web pages
IN Brim, David Neal, Custer, WA, United States
PA Wall Data Incorporated, Kirkland, WA, United States (U.S. corporation)
PI US 5835914 981110
AI US 97-800545 970218 (8)
DT Utility
LN.CNT 781
INCL INCLM: 707/206.000
INCLS: 707/002.000; 707/003.000; 707/006.000; 707/010.000;
707/513.000; 707/104.000; 395/712.000; 395/200.330
NCL NCLM: 707/206.000
NCLS: 707/002.000; 707/003.000; 707/006.000; 707/010.000;
707/513.000; 707/104.000; 395/712.000; 395/200.330
IC [6]
ICM: G06F017-30
EXF 395/712; 395/200.33; 395/200.49; 395/200.23; 707/206; 707/513;
707/501; 707/1; 707/6; 707/2; 707/4; 707/10; 707/103; 707/104;
707/3

L5 ANSWER 2 OF 23 USPATFULL
AN 1998:139551 USPATFULL
TI Interactive system for a closed cable network which includes facsimiles and voice mail on a display
IN Lewis, Scott W., San Jose, CA, United States
PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)
PI US 5835126 981110
AI US 96-616562 960315 (8)
DT Utility
LN.CNT 1388
INCL INCLM: 348/008.000
INCLS: 348/006.000; 455/006.300; 379/100.120; 379/101.010
NCL NCLM: 348/008.000
NCLS: 348/006.000; 455/006.300; 379/100.120; 379/101.010

IC [6]
ICM: H04N007-16
EXF 348/6; 348/7; 348/8; 348/9; 348/10; 348/11; 348/12; 348/13;
348/14; 348/15; 348/16; 348/17; 348/18; 455/3.1; 455/4.1; 455/4.2;
455/5.1; 455/6.1; 455/6.2; 455/6.3; H04N007-16; 7173; <379
156-;157;100.12;100.01;100.08;100.09;100.11;101.01;100;67;88;89

L5 ANSWER 3 OF 23 USPATFULL
AN 1998:123657 USPATFULL
TI Internet enhanced video system
IN Maa, Chia-Yiu, 16220 SW. Colleen Ct., Beaverton, OR, United States
97007
PI US 5818935 981006
AI US 97-814286 970310 (8)
DT Utility
LN.CNT 1231
INCL INCLM: 380/020.000
INCLS: 348/467.000
NCL NCLM: 380/020.000
NCLS: 348/467.000
IC [6]
ICM: H04N007-167
ICS: H04N007-00
EXF 380/20; 348/461-468

L5 ANSWER 4 OF 23 USPATFULL
AN 1998:80535 USPATFULL
TI Market information machine
IN Kolton, Anthony D., Chicago, IL, United States
Gamboa, Ruben A., Austin, TX, United States
Chimenti, Danette S., Austin, TX, United States
PA Logical Information Machines, Inc., Chicago, IL, United States
(U.S. corporation)
PI US 5778357 980707
AI US 96-777123 961230 (8)
RLI Continuation of Ser. No. US 95-392612, filed on 22 Feb 1995, now
patented, Pat. No. US 5590325 which is a continuation of Ser. No.
US 91-713359, filed on 11 Jun 1991, now abandoned
DT Utility
LN.CNT 889
INCL INCLM: 707/002.000
INCLS: 707/004.000; 707/006.000; 707/104.000
NCL NCLM: 707/002.000
NCLS: 707/004.000; 707/006.000; 707/104.000
IC [6]
ICM: G06F017-30
EXF 395/601; 395/602; 395/603; 395/606; 395/615; 395/237; 707/2;
707/4; 707/6; 707/104

L5 ANSWER 5 OF 23 USPATFULL
AN 1998:76473 USPATFULL
TI Human factored interface incorporating adaptive pattern
recognition based controller apparatus
IN Hoffberg, Steven M., 29 Buckout Rd., West Harrison, NY, United
States 10604
Hoffberg-Borghesani, Linda I., 40 Jackson Dr., Acton, MA, United
States 01720
PI US 5774357 980630
AI US 95-471215 950606 (8)
RLI Continuation of Ser. No. US 91-812805, filed on 23 Dec 1991
DT Utility
LN.CNT 7695
INCL INCLM: 364/188.000
INCLS: 395/559.000; 395/595.000; 395/587.000; 348/110.000;
348/026.000; 348/734.000

NCL NCLM: 364/000
NCLS: 348/0.000; 348/110.000; 348/734.000; 5/559.000;
395/587.000; 395/595.000

IC [6]

ICM: G05B009-02

EXF 364/188; 358/142; 340/706; 356/335; 395/559; 395/595; 395/587;
395/552; 348/110; 348/27; 348/734; 345/195; 326/36; 386/83;
370/384

L5 ANSWER 6 OF 23 USPATFULL

AN 1998:40916 USPATFULL

TI Information and advertising distribution system and method

IN Reilly, James P., San Francisco, CA, United States

Hassett, Gregory P., Cupertino, CA, United States

PA PointCast, Inc., Sunnyvale, CA, United States (U.S. corporation)

PI US 5740549 980414

AI US 95-489591 950612 (8)

DT Utility

LN.CNT 1242

INCL INCLM: 705/014.000

NCL NCLM: 705/014.000

IC [6]

ICM: G06F017-60

EXF 395/214; 395/200.09; 395/200.11; 395/200.15; 395/602; 395/604;
705/1; 705/14

L5 ANSWER 7 OF 23 USPATFULL

AN 97:50463 USPATFULL

TI Interactive system for a closed cable network

IN Lewis, Scott W., San Jose, CA, United States

PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)

PI US 5638426 970610

AI US 93-134099 931012 (8)

DT Utility

LN.CNT 1240

INCL INCLM: 379/090.000

INCLS: 379/093.000; 348/013.000; 348/008.000

NCL NCLM: 379/090.010

NCLS: 348/008.000; 348/013.000; 379/093.020; 379/093.030;
379/093.170; 379/093.310; 379/100.010

IC [6]

ICM: H04M011-00

EXF 379/90; 379/93; 379/94; 379/96; 379/98; 379/100; 379/91; 348/13;
348/14; 348/6; 348/7; 348/8; 348/12; 455/3.1; 455/2; 455/4.1;
455/4.2; 455/5.1; 455/6.1; 455/6.3

L5 ANSWER 8 OF 23 USPATFULL

AN 97:23168 USPATFULL

TI Interactive system for a closed cable network

IN Lewis, Scott W., Saratoga, CA, United States

PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)

PI US 5612730 970318

AI US 95-400245 950303 (8)

DT Utility

LN.CNT 1284

INCL INCLM: 348/008.000

INCLS: 348/012.000; 348/013.000; 455/005.100; 455/006.300

NCL NCLM: 348/008.000

NCLS: 348/012.000; 348/013.000; 455/005.100; 455/006.300

IC [6]

ICM: H04N007-14

ICS: H04N007-18; H04N007-00

EXF 348/6; 348/8; 348/12; 348/13; 348/14; 348/15; 348/3; 348/5;

L5 ANSWER 9 OF 23 USPATFULL
 AN 96:121718 USPATFULL
 TI System for forming queries to a commodities trading database using analog indicators
 IN Kolton, Anthony D., Chicago, IL, United States
 Gamboa, Ruben A., Austin, TX, United States
 Chimenti, Danette S., Austin, TX, United States
 PA Logical Information Machines, Inc., Chicago, IL, United States (U.S. corporation)
 PI US 5590325 961231
 AI US 95-392612 950222 (8)
 RLI Continuation of Ser. No. US 91-713359, filed on 11 Jun 1991, now abandoned
 DT Utility
 LN.CNT 944
 INCL INCLM: 395/615.000
 INCLS: 364/DIG.001; 364/282.100; 364/283.300; 395/210.000
 NCL NCLM: 707/104.000
 NCLS: 364/DIG.001; 364/282.100; 364/283.300; 705/010.000
 IC [6]
 ICM: G06F017-30
 EXF 395/600; ; 364/408

L5 ANSWER 10 OF 23 USPATFULL
 AN 96:11431 USPATFULL
 TI Television paging system
 IN Murray, Bradley A., West Palm Beach, FL, United States
 PA Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
 PI US 5489894 960206
 AI US 94-222497 940404 (8)
 RLI Continuation of Ser. No. US 92-995314, filed on 22 Dec 1992, now abandoned which is a continuation of Ser. No. US 91-726594, filed on 8 Jul 1991, now abandoned
 DT Utility
 LN.CNT 428
 INCL INCLM: 340/825.440
 INCLS: 455/038.400; 455/066.000; 348/563.000; 348/723.000
 NCL NCLM: 340/825.440
 NCLS: 348/563.000; 348/723.000; 455/038.400; 455/066.000
 IC [6]
 ICM: G08B005-22
 EXF 340/825.44; 455/38.1; 455/66; 455/38.4; 380/10; 380/11; 380/20; 348/563; 348/564; 348/723

L5 ANSWER 11 OF 23 USPATFULL
 AN 96:9781 USPATFULL
 TI Interactive system for a closed cable network
 IN Lewis, Scott W., Saratoga, CA, United States
 PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)
 PI US 5488411 960130
 AI US 94-212353 940314 (8)
 DT Utility
 LN.CNT 1205
 INCL INCLM: 348/008.000
 INCLS: 348/006.000; 455/006.300
 NCL NCLM: 348/008.000
 NCLS: 348/006.000; 455/006.300
 IC [6]
 ICM: H04N007-173
 EXF 348/6; 348/8; 348/12; 348/13; 348/3; 348/5; 348/14; 348/15; 455/5.1; 455/6.1; 455/6.3; 358/86; 358/85; H04N007-16; <H04 N00-7173; <H04 N00-714; <H04 N00-715

L5 ANSWER 12 OF 23 USPATFULL
 AN 95:85263 USPATFULL
 TI Radio communication receiving device detecting a frequency modulation preamble signal
 IN Tanaka, Kiyoshi, Chiba, Japan
 PA Uniden Corporation, Ichikawa, Japan (non-U.S. corporation)
 PI US 5452472 950919
 AI US 93-86857 930707 (8)
 PRAI JP 92-245969 920824
 DT Utility
 LN.CNT 784
 INCL INCLM: 455/038.200
 INCLS: 455/205.000; 455/343.000; 340/311.100; 340/825.440
 NCL NCLM: 455/038.200
 NCLS: 340/311.100; 340/825.440; 455/205.000; 455/343.000
 IC [6]
 ICM: H04B001-16
 EXF 455/38.1; 455/38.2; 455/38.3; 455/343; 455/32.1; 455/228;
 455/67.1; 455/226.1; 455/227; 455/229; 455/205; 340/311.1;
 340/825.44

L5 ANSWER 13 OF 23 USPATFULL
 AN 95:45896 USPATFULL
 TI Method and apparatus for prioritizing deletion of received messages based on message source and message order
 IN Hosack, Nichola B., Coral Springs, FL, United States
 Cannon, Gregory L., Boynton Beach, FL, United States
 Robinson, Edward H., Delray Beach, FL, United States
 Hill, Richard A., Hollywood, FL, United States
 Mondrosch, Nancy E., Boynton Beach, FL, United States
 Macko, William J., West Palm Beach, FL, United States
 PA Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
 PI US 5418528 950523
 AI US 93-113132 930830 (8)
 DT Utility
 LN.CNT 653
 INCL INCLM: 340/825.440
 INCLS: 340/825.220
 NCL NCLM: 340/825.440
 NCLS: 340/825.220
 IC [6]
 ICM: G08B005-22
 EXF 340/825.44; 340/825.22; 340/825.51; 455/38.1; 455/38.4

L5 ANSWER 14 OF 23 USPATFULL
 AN 95:41769 USPATFULL
 TI System for extracting historical market information with condition and attributed windows
 IN Kolton, Anthony D., Chicago, IL, United States
 Gamboa, Ruben A., Austin, TX, United States
 Chimenti, Danette S., Austin, TX, United States
 PA Logical Information Machine, Chicago, IL, United States (U.S. corporation)
 PI US 5414838 950509
 AI US 92-897622 920611 (7)
 RLI Continuation-in-part of Ser. No. US 91-713359, filed on 11 Jun 1991
 DT Utility
 LN.CNT 1417
 INCL INCLM: 395/600.000
 INCLS: 364/DIG.001; 364/408.000; 364/282.100; 364/286.300;
 395/161.000
 NCL NCLM: 707/104.000
 NCLS: 364/DIG.001; 364/282.100; 364/286.300; 395/117.000;

IC [6]
ICM: G06F015-40
EXF 395/153; 395/159; 395/161; 395/600; 364/408

L5 ANSWER 15 OF 23 USPATFULL
AN 94:71668 USPATFULL
TI Apparatus and method for creation of a user definable video
displayed document showing changes in real time data
IN Risberg, Jeffrey S., 3249 Morris Dr., Palo Alto, CA, United States
94303
Skeen, Marion D., 3826 Magnolia Dr., Palo Alto, CA, United States
94306

PI US 5339392 940816
AI US 90-636044 901228 (7)
RLI Continuation-in-part of Ser. No. US 90-632551, filed on 21 Dec
1990 which is a continuation-in-part of Ser. No. US 90-601117,
filed on 22 Oct 1990, now patented, Pat. No. US 5257369 which is a
continuation-in-part of Ser. No. US 89-386584, filed on 27 Jul
1989, now patented, Pat. No. US 5187787

DT Utility
LN.CNT 7121
INCL INCLM: 395/161.000
INCLS: 395/155.000; 364/408.000
NCL NCLM: 345/333.000
NCLS: 345/334.000; 707/501.000

IC [5]
ICM: G06F015-62
ICS: G06F015-16
EXF 364/144-149; 364/155; 364/161; 364/408; 364/411; 364/412; 364/419;
358/84

L5 ANSWER 16 OF 23 USPATFULL
AN 89:96091 USPATFULL
TI Image display system
IN Yatsunami, Kenroh, Yamatokoriyama, Japan
PA Sharp Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI US 4884146 891128
AI US 88-218991 880714 (7)
PRAI JP 87-175201 870714
JP 87-175202 870714
JP 87-175203 870714
JP 87-175204 870714
JP 87-175205 870714

DT Utility
LN.CNT 599
INCL INCLM: 358/400.000
INCLS: 358/486.000; 358/494.000
NCL NCLM: 358/400.000
NCLS: 358/486.000; 358/494.000

IC [4]
ICM: H04M001-00
EXF 358/256; 358/280; 358/293; 358/294

L5 ANSWER 17 OF 23 USPATFULL
AN 84:68011 USPATFULL
TI Apparatus for receiving and displaying continuously updated data
IN Parsons, Frederick G., Arlington, VA, United States
PA Telemet American, Inc., Alexandria, VA, United States (U.S.
corporation)
PI US 4486853 841204
AI US 81-249830 810401 (6)
DT Utility
LN.CNT 2084
INCL INCLM: 364/900.000

NCL NCLM: 345/4.000
NCLS: 364/DIG.001; 364/DIG.002; 364/918.000; 364/918.700;
364/918.800; 364/927.000; 364/927.200; 364/928.000;
364/929.000; 364/929.400; 364/932.800; 364/935.000;
364/935.200; 364/942.800; 364/947.000; 364/947.200;
364/949.710; 364/951.100; 364/951.300; 380/042.000;
395/653.000; 705/037.000

IC [3]

ICM: G06F007-00

EXF 235/454; 235/380; 235/381; 235/382; 371/49; 364/200; 364/900;
340/825.26; 340/142; 179/2DP; 370/71

L5 ANSWER 18 OF 23 USPATFULL

AN 83:4410 USPATFULL

TI Payment responsive data display network

IN Fuerle, Gerard A., 4434 N. Third St., Philadelphia, PA, United
States 19140

PI US 4370649 830125

AI US 81-265063 810519 (6)

DT Utility

LN.CNT 473

INCL INCLM: 340/825.350

INCLS: 235/381.000; 179/002.000DP; 364/408.000; 340/825.270

NCL NCLM: 379/093.250

NCLS: 235/381.000; 340/825.270; 340/825.350; 379/093.120;
705/039.000

IC [3]

ICM: H04Q009-00

EXF 179/2DP; 179/6.3R; 364/408; 364/410; 364/412; 340/825.26;
340/825.27; 340/825.35; 235/381

L5 ANSWER 19 OF 23 USPATFULL

AN 82:60037 USPATFULL

TI Electronic stock market terminal game

IN Chodak, Jan B., Rancho Palos Verdes, CA, United States

Tran, Luan G., Redondo Beach, CA, United States

PA Mattel, Inc., Hawthorne, CA, United States (U.S. corporation)

PI US 4363489 821214

AI US 80-197882 801017 (6)

DT Utility

LN.CNT 1613

INCL INCLM: 273/237.000

NCL NCLM: 273/237.000

IC [3]

ICM: A63F003-00

ICS: A63F009-00

EXF 273/1E; 273/148R; 273/237; 273/256; 273/278; 273/DIG.28; 434/107;
364/410

L5 ANSWER 20 OF 23 USPATFULL

AN 77:2023 USPATFULL

TI Stock market investment game

IN Biggs, Fred Conner, 751 Rosecrans St., San Diego, CA, United
States 92106

PI US 4002342 770111

AI US 76-649212 760115 (5)

DT Utility

LN.CNT 290

INCL INCLM: 273/134.000AE

INCLS: 273/134.000AF; 273/134.000D; 273/134.000G

NCL NCLM: 273/239.000

NCLS: 273/256.000; 273/280.000

IC [2]

ICM: A63F003-00

EXF 273/134

L5 ANSWER 21 OF 22 USPATFULL
 AN 74:16490 USPATFULL
 TI SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO
 DISPLAY FORMATS
 IN Coombe, Thomas R., Berlin, NJ, United States
 PA Reuters Limited, London, England (non-U.S. corporation)
 PI US 3801961 740402
 AI US 71-145858 710521 (5)
 DT Utility
 LN.CNT 2139
 INCL INCLM: 340/154.000
 INCLS: 340/324.000AD
 NCL NCLM: 345/023.000
 NCLS: 345/027.000
 IC [1]
 ICM: G06F003-14
 EXF 340/324A; 340/154

L5 ANSWER 22 OF 23 USPATFULL
 AN 72:19150 USPATFULL
 TI DATA HANDLING APPARATUS
 IN Belcher, Richmond D., Thornwood, NY, United States
 Duggan, Robert J., Bronx, NY, United States
 Ellis, George R., Trumbull, CT, United States
 Esslinger, Robert H., Wilton, CT, United States
 Goodyear, W. Frederick, Westport, CT, United States
 Marshall, Joseph C., Chappaqua, NY, United States
 Masone, Thomas R., Stamford, CT, United States
 PA The Bunker-Ramo Corporation, Oak Brook, IL, United States
 PI US 3656148 720411
 AI US 69-839099 690225 (4)
 RLI Division of Ser. No. US 65-460117, filed on 1 Jun 1965, now
 patented, Pat. No. US 3500327 Continuation-in-part of Ser. No. US
 64-370323, filed on 26 May 1964, now abandoned
 DT Utility
 LN.CNT 1609
 INCL INCLM: 340/324.000A
 INCLS: 340/154.000
 NCL NCLM: 345/002.000
 NCLS: 340/825.270; 345/012.000; 345/026.000; 345/141.000
 IC [1]
 ICM: G06F003-14
 EXF 340/324A; 340/334; 340/154; 340/152; 340/146.3; 178/15

L5 ANSWER 23 OF 23 USPATFULL
 AN 71:19128 USPATFULL
 TI SOLENOID CONTROLLED VALVE AND ARMATURE WITH ADJUSTABLE BIAS
 IN Haolloman, Charles J., Stamford, CT, United States
 PA Trans-lux Corporation, New York, NY, United States
 PI US 3589672 710629
 AI US 69-834568 690218 (4)
 RLI Division of Ser. No. US 66-600900, filed on 12 Dec 1966, now
 patented, Pat. No. US 3482344
 DT Utility
 LN.CNT 643
 INCL INCLM: 251/129.000
 INCLS: 251/137.000
 NCL NCLM: 251/129.160
 IC [1]
 ICM: F16K031-06
 EXF 251/129; 251/299; 251/137

9/22/98

=> s l30 and ticker

1 5339,392
Cln 10 + ?

197 TICKER
L32 1 L30 AND TICKER

=> d kwic

US PAT NO: 5,339,392 [IMAGE AVAILABLE] L32: 1 of 1

SUMMARY:

BSUM(6)

An . . . displays of real time data in user definable style, e.g., color, font, background, pen size etc. and format, e.g., quote, **ticker**, graph etc., alarms, and alarm scripts, i.e., user defined scripts of commands to be processed (much like a word processing. . .

SUMMARY:

BSUM(8)

The . . . to information from any source including other programs running on the same host 0 or somewhere else on the network, **ticker** plants, information services or databases. In the preferred embodiment, the program can support data feeds from Reuters Market Feed 2000/IDN, Telekurs **Ticker**, CMQ Telerate MarketFeed, Canquote, and Quotron. In addition, the program (known commercially as the MarketSheet.TM. facility or program) can accept. . .

SUMMARY:

BSUM(9)

In . . . user. For example, a brief style displays only the price where a comprehensive style displays all the available fields. A **ticker** tool can be used as a selective or block **ticker**, and can show data in any display style. Upticks and Downticks can be shown in color and volume information can. . .

DETDESC:

DETD(7)

The middle of the display also shows an instance 20 of a **ticker** class Active Object showing all trades in a specified set of issues that exceed a minimum volume set by the user. This particular criteria for display was programmed by the user using the **ticker** tool represented by icon 19.

DETDESC:

DETD(10)

"Active . . . displays of real time data in user definable style, e.g., color, font, background, pen size etc. and format, e.g., quote,

ticker, graph etc. alarms, and alarm scripts, i.e. user defined scripts of commands to be processed (much like a word processing. . .

DETD(DESC:

DETD(27)

The **ticker** tool is a continuously shifting display of trades in a specified list of issues. In addition to attributes, the dialog box for a **ticker** displays the current list of securities being tracked and some commands for manipulating the list. The dialog box is used to change or add to the securities on the list. The **ticker** attributes are:

DETD(DESC:

DETD(29)

Adds . . . is completed with a mouse click on the OK button. Another subscription can be entered with another click on the **Ticker** icon 19.

DETD(DESC:

DETD(35)

Replaces the current **ticker** list with a copy of the one from another **ticker**. A dialog box will pop up requesting the name of the source **ticker**.

DETD(DESC:

DETD(37)

Like Copy From but adds to the current **ticker** list instead of replacing it.

DETD(DESC:

DETD(42)

The subscription entry dialog for the **ticker** tool is as follows:

DETD(DESC:

DETD(45)

Ticker Style (list)

DETD(DESC:

DETD(46)

Used to select the display format for trades or updates to the **ticker** subscription instance. There are generally several styles, similar to those defined for the Quote object. The styles are generally different. . . .

DETD(DESC:

DETD(51)

Composite . . . can be created simply by entering for the symbol a period followed by the name of the exchange code. The **ticker** object will then show every update reported by the feed on that exchange.

DETD(DESC:

DETD(52)

The **ticker** object will show new data each time it receives an update from the data feed which includes either a new. . . appear when there is a change of the bid price, ask price, or the volume field. In this way, the **ticker** can handle information from source which do not have the standard field, such as output from the Shredder, an application. .

DETDESC:

DETD(217)

Referring . . . is usually the data returned after a request generated by the creation of an Active Object such as a quote, **ticker**, graph etc.

DETDESC:

DETD(234)

The . . . from the Teknekron Information Bus.TM. (TIB.RTM.) component, a powerful suite of communication protocols that separate information sources, like MarketFeed 2, **Ticker** III, or Telerate TDPF from information consumers, like the MARKETSHEET.RTM. software or Teknekron's Real Time Spreadsheet. This means the user. . .

DETDESC:

DETD(254)

Each Quote and **Ticker** object uses a display style to format its output. These display styles indicate which fields to show (symbol, price, bid,. . .

DETDESC:

DETD(265)

Ticker

DETDESC:

DETD(266)

Tickers . . . scroll as the subjects change in real-time. The user can specify the securities and exchanges to be included in the **ticker** and set volume thresholds.

DETDESC:

DETD(293)

The . . . detail) and a fragment of the Reuters WRLD page. Near the bottom of the sheet are a button and a **ticker**.

DETDESC:

DETD(431)

The . . . entered, all selected objects will be renamed. Another use of the Name command is to assign a name to a **ticker** so that its selection list can be copied when defining other tickers.

DETDESC:

DETD(492)

PublisherP.h
Quote.c
Quote.h
QuoteP.h
Reader.c
Subscription.c
Subscription.h
SubscriptionP.h
TBAxis.c
TBAxis.h
TBAxisP.h
TBGraphData.c
TBGraphData.h
TBGraphDataP.h
TBGraphView.c
TBGraphView.h
TBGraphViewP.h
Table.c
Table.h
TableP.h
Ticker.c
Ticker.h
TickerP.h
TimeGrid.c
TimeGrid.h
TimeGridP.h
bits.arrow
bits.button
bits.clone
bits.dsgraph
bits.fragment
bits.global
bits.grid
bits.label
bits.publisher
bits.quote
bits.table
bits.tbgraph
bits.**ticker**
bricks.bits
button.c
dsgraph.c
files.c
fragment.c
global.c
items.c
label.c
menus.c
mondrian.bits
meney.bits
ms.h
ms23.c
msDefaults.cf
msEmpty.cf
msNTIB .RTM..cf
page.h
pagehandler.c
pagemap.c
pagemap.h
publisher.c
quote.c
script.c

```

sheets.c
stylemap.c
stylemap.h
table.c
tbgraph.c
TIB .RTM..c
TIB .RTM..h
ticker.c
time.c
Makefile for Second Phase (using GNUmake program):
objects =
    Reader.o Manager.o PlaneMgr.o TimeGrid.o
    CharGrid.o Box.o Button.o
    TIB .RTM..o time.o menus.o sheets.o items.o tools.o
    files.o
    script.o stylemap.o label.o Subscription.o
    Quote.o quote.o
    Ticker.o ticker.o pagemap.o pagehandler.o
    Fragment.o fragment.o
    TBAXig.o TBGraphView.o TBGraphData.o
    tbgraph.o DSAxig.o
    DSGraphView.o
    DSGraphData.o dsgraph.o Publisher.o
publisher.o
. . .

```

DETDESC:

DETD(630)

Subject . . . need for programming changes when something else changes like changes in the service providers, e.g., a change from IDN to **Ticker** 3 for equity prices. All data is provided through a single, uniform interface to client applications. A programmer writing a . . .

DETDESC:

DETD(820)

The . . . at the service level. Also, it insulates the program from changes in service providers (e.g., a switch from IDN to **Ticker** 3 for equity prices). Second, the SASS presents all data through a simple uniform interface: a programmer needing information supplied. . .

DETDESC:

DETD(1193)

The . . . by block 900 where a composition command is issued to create a display object such as a quote object, a **ticker** etc. While the discussion herein assumes that the display object being created is a quote object, the process described herein. . .

DETDESC:

DETD(1209)

Referring . . . is represented to the user as a displayed object within his or her "living document", e.g., a quote object or **ticker** object. The update may the latest price of the particular stock, bond etc. or some other real time aspect of. . .

Claim 8

9/22/98

US PAT NO: 5,339,392 [IMAGE AVAILABLE]

L31: 1 of 1

SUMMARY:

BSUM(7)

The . . . a sheet to display a particular display object is not critical to the invention. A mouse, trackball, digitizer, keyboard, voice **processor** and map coordinate system, touchscreen, or any other present or future device may be used such as a thought **processor**.

DETDESC:

DETD(205)

A script **processor** 86 interprets the commands of scripts entered by a user defining the desired processing to be performed in the case. . . a button or a real time data update which exceeds an alarm limit programmed by the user. Basically, the script **processor** handles requests to process scripts generated by the instances of the Active Objects programmed onto the various Sheets by the. . .

DETDESC:

DETD(213)

The Active Object 100 tells the Display Object 106 what Style Map to use. Then a style **processor** (not shown) in 25 and the Display Object do the work of extracting the proper data from the Data Object. . . be displayed for this Active Object in the location on the current Sheet specified by the user and a style **processor**. This internal representation is sent to the screen rendering system by the style **processor** to actually draw the display seen by the user. The style **processor** is actually implemented in a library and the Display Object 106 contains a pointer to this library and receives a pointer to the style map 104 such that the Data Object can be processed by the style **processor** library programs in 5 accordance with the style map.

DETDESC:

DETD(214)

The . . . document on the network, etc. The commands in the scripting language generally include all the commands understood by the script **processor** as well as commands defined by the user and can, in some embodiments, include commands to the operating system, the high level network interface or other processes running on the network. Generally the commands understood by the script **processor** will include the name of the object, the desired operation and an argument, i.e., what value to set etc.

DETDESC:

DETD(216)

Referring to FIG. 8, there is shown a flow chart of the processing performed by the style **processor** for each) Active Object upon the

occurrence of a data update event. A data update event, represented at 112 causes the style processor in the Display Object 106 in step 114 to extract the values from the user specified fields from Data Object. . . to the screen rendering system to render the Display Object 106 in the preferred embodiment. In other embodiments, the style processor itself can send the commands to the screen rendering system.

DETDESC:

DETD(217)

Referring . . . the left are shown symbols for some of the input event generators. User events can be generated using a voice processor 124, a keyboard 126, a mouse 128, or a touchscreen 130 or any other user manipulated device. Other input events. . .

DETDESC:

DETD(222)

Some . . . a case, the local dispatcher of the Active Object making the transition into the alert state will invoke a script processor 154 and send the user specified script for the appropriate alarm event to the script processor. The script processor then processes the script to carry out the commands specified in the script in the order specified in the script. If one of the commands in the script is to change a color or a font, the script processor will call the style map of the Active Object specified in the script (it may be different than the Active. . . processing) and update the style map of that Active Object. If the script calls for publishing some data, the style processor calls the high level network interface 90, invokes a publish function and sends the appropriate data to be published on. . . through an operating system call 158, and can invoke other applications 160 running in the same environment. Further, the script processor may also cause; the other application to perform some function and may even cause the other application to access the. . .

DETDESC:

DETD(224)

The script processor 154 may also be called by the menu objects 56 or the dialogue boxes 60. This allows the; user to. . .

DETDESC:

DETD(513)

Each of the host processors 210 and 212 is also programmed with a library of programs, which together comprise the communication interfaces 220 and 222,. . .

DETDESC:

DETD(598)

Referring . . . is linked to the network 214 and to the communication library 230A. There is typically one communication daemon per host processor. This host processor is shown at 430 in FIG. 35 but is not shown at all in FIG. 36. Note that in FIG. . . 35, unlike the situation in FIG. 21, the client applications 216 and 218 are both running on the same host processor 430. Each client application is linked to its own copies of the various library programs in the communication libraries 230A. . .

DETDESC:

DETD(599)

The communication daemons on the various host **processors** cooperate among themselves to insure reliable, efficient communication between machines. For subject addressed data, the daemons assist in its efficient. . .

DETDESC:

DETD(608)

The . . . or service instances filter the data by subject before it is placed in the network thereby conserving network bandwidth, input/output **processor** bandwidth and overhead processing at the receiving ends of communication links.

DETDESC:

DETD(615)

The . . . protocol is that it can switch dynamically from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice-versa) is transparent to higher-level protocols. This transport protocol allows the support. . .

DETDESC:

DETD(624)

Network . . . 230B in FIG. 35. The intelligent multicast protocol makes the most efficient use of limited resources of network and I/O **processor** bandwidth by performing automatic, dynamic switch over from point to point communication protocols to broadcast protocols when necessary. For example,. . .

DETDESC:

DETD(783)

The . . . linked with each application, and a back end TIB.RTM. communication daemon process, for which there is typically one per host **processor**. Note that this functional split between TIB.RTM. library and TIB.RTM. daemon is completely transparent to the application. In fact, the. . .

DETDESC:

DETD(801)

The . . . intelligent multicast protocol implemented in the DCC. This protocol attempts to optimize the limited resources of both network bandwidth and **processor** I/O bandwidth by providing automatic, dynamic switchover from point-to-point communication protocols to broadcast protocols. For example, the protocol may provide. . .

DETDESC:

DETD(818)

Support . . . interest to any application can simply be discarded prior to placing in on the network; thereby, conserving network bandwidth and **processor** I/O bandwidth.

DETDESC:

DETD(842)

The . . . protocol is that it can dynamically switch from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice versa) is transparent to higher-level protocols. This protocol admits the support. . .

CLAIMS:

CLMS(35)

35. The apparatus of claim 34 wherein said program in execution includes a script **processor** program which causes said computer to execute a script comprised of a series of commands selected by said user when. .

=====
* Cover Sheet *
* *
=====

*** RE:08736149 ***

* Prepared for: Anthony Blackman *
* By : Nancy Matthes *
* Date : November 25, 1998 *
* *

Here are the results of your search. If you would like me to try another strategy, please let me know.

Thank you
Nancy
306-4515

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 File 481: Delphes Eur Bus 80-1998/NOV W2
 (c) 1998 ACFCI & Chambre Comm Ind Paris
 File 474: New York Times Abs 1969-1998/Nov 23
 (c) 1998 The New York Times

Biblit

Nothing
relevant

Set	Items	Description
S1	5723	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE() INFORMATION?
S2	140100	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM? ?
S3	15973	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULTITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?)
S4	1454	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	219453	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	224610	S1 OR S5
S7	1561	S6 AND S2
S8	0	S7 AND (S3 OR S4)
S9	95	S6 AND LOGO? ?
S10	3	S6(10N) LOGO? ?
S11	8955	S2 NOT (LABEL? OR SYMBOL?)
S12	29	S11(20N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S13	1	S12 AND (S3 OR S4)
S14	0	S1 AND S11 AND S4
S15	94	S5 AND S11
S16	0	S12 AND S6
S17	0	S15 AND S1
S18	3332	S11/TI
S19	16	S18 AND S5

File 15:ABI/INFORM(R) 1971-1998/Nov 23
(c) 1998 UMI
File 9:Business & Industry(R) Jul 1994-1998/Nov 24
(c) 1998 Resp. DB Svcs.
File 647:CMP Computer Fulltext 1988-1998/Nov W1
(c) 1998 CMP
File 674:Computer News Fulltext 1989-1998/Nov W4
(c) 1998 IDG Communications
File 275:IAC(SM) Computer Database(TM) 1983-1998/Nov 24
(c) 1998 Info Access Co
File 47:Magazine Database(TM) 1959-1998/Nov 24
(c) 1998 Information Access Co.
File 16:IAC PROMT(R) 1972-1998/Nov 24
(c) 1998 Information Access Co.
File 148:IAC Trade & Industry Database 1976-1998/Nov 24
(c) 1998 Info Access Co
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(c) 1998 AAAS
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File 621:IAC New Prod.Annou.(R) 1985-1998/Nov 24
(c) 1998 Information Access Co
File 635:Business Dateline(R) 1985-1998/Nov 23
(c) 1998 UMI
File 610:Business Wire 1986-1998/Nov 24
(c) 1998 Business Wire
File 553:Wilson Bus. Abs. FullText 1982-1998/Oct
(c) 1998 The HW Wilson Co
File 609:Bridge World Markets News 1989-1998/Nov 24
(c) 1998 Bridge

Fulltext

Set	Items	Description
S1	97750	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE() INFORMATION?
S2	1128871	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM?
S3	108555	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULTITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?)
S4	5872	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	1657294	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	1697142	S1 OR S5
S7	169839	S6(10N)S2
S8	312	S7 NOT (LABEL? OR SYMBOL?)
S9	0	S8(30N) (S3 OR S4)
S10	0	S8(50N) (S3 OR S4)
S11	7	S8 AND (S3 OR S4)
S12	0	S8(50N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S13	0	S8 AND (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S14	1016	S6(S) (S3 OR S4)
S15	117	S6(S)S4
S16	0	S15 AND S8
S17	11	S15(S)GRAPHIC?
S18	826	S6(10N)LOGO? ?
S19	1	S18(10N)SCROLL?
S20	1	S19 NOT S17
S21	121	S6(5N) (S3 OR S4)
S22	0	S21(10N)LOGO? ?

17/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)
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01498335

01-49323

The great wall wars

Sales, Robert

Wall Street & Technology Product Digest Supplement PP: 24-27 Fall 1997

ISSN: 1060-989X JRNL CODE: WSC

AVAILABILITY: Fulltext online. Photocopy available from ABI/INFORM 15851.00

WORD COUNT: 1889

...ABSTRACT: Trans-Lux Corp. has clearly established itself as the dominant vendor of price displays at **exchanges**, other **financial** institutions - such as brokerage houses and banks - are increasingly considering alternatives to LED technology. Imtech Corp. has made a big splash in the **financial services market** earlier in 1997 when it unveiled MarketSite - a giant **video wall** display it built for Nasdaq. One capability that Imtech has - and which Trans-Lux is...

... picture wall technology, Trans-Lux can deliver news headlines, special internal messages and charting and **graphic** capability - but the vendor has yet to master the ability to deliver full motion video.

17/3,K/2 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R) Jul
(c) 1998 Resp. DB Svcs. All rts. reserv.

01829072 (USE FORMAT 7 OR 9 FOR FULLTEXT)

brand builders: Bright Board, Big Logos

(The Nasdaq Stock Market develops a catchy big board, MarketSite, with bright colors and big logos, making it more accessible)

Brandweek, v 38, n 19, p 22+

May 12, 1997

DOCUMENT TYPE: Journal ISSN: 1064-4318 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 679

ABSTRACT:

The Nasdaq Stock Market has developed a catchy big board, MarketSite, with bright colors and big logos, which makes...

...created a TV studio in its New York, NY, offices that includes a 55-ft **wall of monitors** designed to provide a state-of-the-art setting for broadcast financial news organizations. Both...

...developed so that actively traded stocks, for example, can be singled out and displayed with **graphics** that show, via a color line-graph, the hour by hour movement of the stock...

17/3,K/3 (Item 1 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)
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01014508

53225445

COMDEX Fall Exhibitor News Summary Through Nov. 16; Part Two of Four.

Business Wire

Nov 17, 1998 WORD COUNT: 1020

...0 with OLAP

Services; Company's Product Development Efforts to Bring Power of OLAP to **Financial Users**

Data General First to Guarantee 99.9% Uptime for Microsoft SQL Server

Copyright 1997 Canada NewsWire Ltd.
Canada NewsWire

April 4, 1997, Friday

SECTION: Financial News

LENGTH: 437 words

HEADLINE: Attention Television News Directors/Business Reporters: NASDAQ VIDEO
NEWS RELEASE VIA SATELLITE

DATELINE: TITLE: NASDAQ LAUNCHES MARKETSITE -- Computer graphics clearly present
stock market activity...Innovative ticker displays familiar, easy to

identify corporate logos.
TORONTO, April 4

BODY:

The innovative facility, a 55 foot by eleven foot installation of 100
monitors and 75 Pentium processors, is linked to real-time market data and

File 278:Microcomputer Software Guide 1998/Nov

(c) 1998 Reed Elsevier Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-1998/Oct

(c)1998 Info.Sources Inc

Software

Set	Items	Description
S1	26	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRAD FORMATION?
S2	3560 ?	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM
S3	1295	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL
S4	6	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N)WALL? ?
S5	1799	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	1811	S1 OR S5
S7	63	S6 AND S2
S8	23	S7 NOT SYMBOL?
S9	6	S8 NOT LABEL? ?
S10	19	S6(50N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S11	10	RD S10 (unique items)

11/3,K/2 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00108523 DOCUMENT TYPE: Review

PRODUCT NAMES: Unwired Planet (711233)

TITLE: Squeezing Web Data
AUTHOR: Whelan, Carolyn
SOURCE: Electronic News, v44 n2208 p46(2) Mar 2, 1998
ISSN: 1061-6624
HOMEPAGE: <http://www.interport.net/enews>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980930

...service, corporate customers use Unwired's software to construct or change Web pages with limited **graphics** and text. The software pares down information requested by a user, to eliminate unneeded **graphics** and content, and sends it on a regular basis to the user's phone. A data-enabled phone can support bit-mapped **graphics** or **display** text only, and this content is converted to between four and 10 lines of text between 12 and 20 characters wide on the screen. Types of **information** available include **stock** quotes, traffic and weather reports, directories, and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all messages are listed on the **display**. The technology operates like a networked computer to split a browser and put a small...

11/3,K/3 (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00104950 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Money Financial Suite Windows 95 & NT Beta (673927); Quicken Suite 98 Windows 95 & NT Beta (673935)

TITLE: Don't Bank on This Financial Pair (Yet)
AUTHOR: Patz, Joel T.
SOURCE: Windows Magazine, v8n12 p112(2) Dec 1997
ISSN: 1060-1066
HOMEPAGE: <http://www.winmag.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: C

REVISION DATE: 980830

...chart. However, the Web link drastically impacts program performance. Money also had trouble connecting to **stock symbols**, while Quicken did so easily, and returned likely matches to information entered in a query...
...and mutual fund price quotes, but Quicken only provides a week's worth. Money's **graphical** user interface (GUI) suffers from a simplistic main menu, hides some often-performed tasks, and...

11/3,K/4 (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00054053

DOCUMENT TYPE: Review

PRODUCT NAMES: Graphics for Science & Engineering (830368)

TITLE: Modern Science

AUTHOR: Hayes, William P.

SOURCE: Workstation News, v4 n7 p16(3) Jul 1993

ISSN: 1049-491X

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...product that is no longer limited to use by engineers and scientists. Its ability to **display** data is in great demand for such applications as **financial** data analysis and trend-spotting. VDA is a discovery tool for many professionals. For example, NASA first began using it to make data analysis straightforward for engineering professionals. Users must first **display** data, in order to begin a search for patterns. Data are then reorganized into smaller...

...succession. Effective VDA environments require data manipulation and management, development tools, GUIs, numerics, visualization, presentation **graphics**, platforms, and networks.

11/3,K/5 (Item 4 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00041414

DOCUMENT TYPE: Review

PRODUCT NAMES: Metaphor Mixer (406759); Capri (902316); WorldToolKit (406741)

TITLE: Big Money in Cyberspace

AUTHOR: Staff

SOURCE: CyberEdge Journal, v11 p13(1) Sep/Oct 1992

ISSN: 1061-3099

HOME PAGE: <http://www.cyberedge.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...virtual reality software that permits financial managers to physically interact with a world comprised of **financial** markets, stocks, and equities. The PC-based system, appropriately dubbed Metaphor Mixer, was developed using Sense8's WorldToolKit and visually **displays** as many as 10,000 stocks at once, with an update rate of twenty frames per second. Maxus intends to market the system as an idea generator, which provides **graphical** representations of the complex interrelationships of **financial** markets. Metaphor Mixer is currently being used to manage a \$106 billion college teachers' pension fund...

11/3,K/6 (Item 5 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

(c)1998 Info.Sources Inc. All rts. reserv.

00039951

DOCUMENT TYPE: Review

PRODUCT NAMES: Company - NeXT Software Inc (850632)

TITLE: Next To Join OMG At Object World
AUTHOR: Richman, Dan
SOURCE: Open Systems Today, v102 p4(1) Jul 20, 1992
ISSN: 1061-0839

RECORD TYPE: Review
REVIEW TYPE: Company

REVISION DATE: 960531

...users and contains communications objects and device drivers; database systems and objects; education and training; **financial analysis**; **information display**; multimedia; networking; telecommunications and ISDN; publishing, **graphics** and three-dimensional objects; and user-interface objects.

11/3,K/7 (Item 6 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00037980 DOCUMENT TYPE: Review

PRODUCT NAMES: Carbon Copy for Windows (359211); Lotus Notes (702137); 1-2-3 (004738); Harvard Graphics for Windows (349933); NetWare (699683)

TITLE: Lotus Notes Can Ease the Process of Corporate Globalization
AUTHOR: LaPlante, Alice
SOURCE: InfoWorld, v14 n27 p60(1) Jul 6, 1992
ISSN: 0199-6649
HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and Harvard Graphics for Windows; a NetWare LAN. Managers can download mainframe **financial data** to an IBM PS/2 Model 70 and **display it graphically** as needed. Forbes is encouraged by his colleagues' positive reception to groupware concepts; he plans...

11/3,K/8 (Item 7 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00033179 DOCUMENT TYPE: Review

PRODUCT NAMES: XRT/graph 1.2 (338761)

TITLE: KL Group's XRT/graph widget
AUTHOR: Staff
SOURCE: X Journal, v1 n4 p81(2) Mar/Apr 1992
ISSN: 1056-7003

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 950401

XRT/Graph 1.2, a graphing widget for X applications, plots **graphics** files. Developers can use the combined **graphics** library and graph builder to produce dynamic graphs and charts for scientific, financial, and related

...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It extends Motif by **displaying** data in such formats as basic X-Y plots, bar, stacking bar, and pie charts. The graphs are fast enough for many real-time applications, allowing **display** of dynamic input such as scientific data and stock prices, along with static data from database queries. The article describes how XRT/Graph provides...

11/3,K/9 (Item 8 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00028605 DOCUMENT TYPE: Review

PRODUCT NAMES: Open Look-Sun X-view (237434); UNIX (699675)

TITLE: Boston Exchange Looks to Unix
AUTHOR: Krill, Paul
SOURCE: UNIX Today!, v77 p44(1) Aug 5, 1991
ISSN: 1040-5038

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980730

The Boston Stock Exchange is purchasing UNIX workstations to increase its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and the Open Look graphical user interface **display** market data, trading information, limit order books, and trading activity. The network lets Exchange members...

11/3,K/10 (Item 9 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00021503 DOCUMENT TYPE: Review

PRODUCT NAMES: Wealthbuilder 1.1 (228524)

TITLE: Can Software Help You Get Rich?
AUTHOR: Kleinholz, Lisa
SOURCE: Home Office Computing, v8 n8 p30(2) Aug 1990
ISSN: 0899-7373
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder features a comprehensive database, which includes extensive **financial data**, and a portfolio manager that tracks specific investments. Some problems with file handling and **graphics display** were encountered, but overall, WealthBuilder is a good package with solid financial management capabilities.

?

European
Patent
File

Set	Items	Description
S1	9	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE FORMATION?
S2	38831	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB?
	?	
S3	7243	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ! ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY
S4	290	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	549	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET. . OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	551	S1 OR S5
S7	5	S6(S) (S3 OR S4)
S8	29	S6(S) S2
S9	0	S8 NOT (LABEL? OR SYMBOL?)
S10	0	S6(15N) (GRAPHIC? (2N) SYMBOL? ?)

7/5/1

DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00765777

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Method and apparatus for video data management

Verfahren und Gerat zur Videodatenverwaltung

Methode et appareil pour la gestion de donnees video

PATENT ASSIGNEE:

SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,
Princeton, New Jersey 08540, (US), (applicant designated states:
DE;FR;GB)

INVENTOR:

Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)

Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)

Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)

Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)

LEGAL REPRESENTATIVE:

Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial
House 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 719046 A2 960626 (Basic)

EP 719046 A3 971126

APPLICATION (CC, No, Date): EP 95116066 951011;

PRIORITY (CC, No, Date): US 346453 941129

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2

A computer-implemented method for use by a viewer for the management of video data in a stored video stream, the video stream including a plurality of video shots wherein each shot comprises a sequence of frames, the comprises defining and storing in memory on a frame-sequence axis a time-based model of the video stream; defining and storing in memory on the frame-sequence axis at least one of a space-based model of the video stream, an object-based model of the video stream, and an event-based model of the video stream. The method further comprises selectively scanning through such of the models as have been defined; identifying time, space, object, and/or event segments of interest in such of the models as have been defined; and selecting for viewing portions of the video stream associated with the segments of interest.

(see image in original document)

ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960626 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 971126 A3 Separate publication of the European or
International search report

Change: 971126 A2 Obligatory supplementary classification
(change)

Change: 980527 A2 Representative (change)

Examination: 980715 A2 Date of filing of request for examination:
980519

Change: 980722 A2 Representative (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	2388
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SPEC A	(English)	EPAB96	5983
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Total word count - document A			8371
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Total word count - document B			0
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Total word count - documents A + B			8371
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7/5/2

DIALOG(R)File 348:European Patents
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00594588

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Light tree display for a horizontal carousel

Leuchtanzeige für waagerechte Förderanlage

Dispositif d'affichage lumineux pour installation d'acheminement
horizontale

PATENT ASSIGNEE:

Constructor Lagertechnik GmbH, (2114870), Alte Papiermühle 25, 51688

Wipperfurth, (DE), (applicant designated states:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT; SE)

INVENTOR:

Murphree, Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)

LEGAL REPRESENTATIVE:

Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwälte

Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59
, 81476 München, (DE)

PATENT (CC, No, Kind, Date): EP 597464 A1 940518 (Basic)

EP 597464 B1 970423

APPLICATION (CC, No, Date): EP 93118224 931110;

PRIORITY (CC, No, Date): US 974252 921110

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;
SE

INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1

A programmable, visible display system or "light tree" for indicating loading and picking information to an operator of a storage conveyor of the horizontal carousel type is disclosed. The system includes a vertically extending array of regularly spaced lightable elements that is located adjacent the position occupied by a selected shelf of trays or bins for containing items to be stored or distributed. The display is programmed to match the vertical spacing of the shelves in each carrier of the storage conveyor so as to display information regarding the number of items to be removed from or placed in the bins when adjacent to the array, such information being horizontally aligned with the associated bin. (see image in original document)

ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940518 A1 Published application (A1with Search Report
;A2without Search Report)

*Assignee: 940601 A1 Applicant (transfer of rights) (change):
Electrolux Constructor GmbH (588331) Postfach
12 80 D-51676 Wipperfurth (DE) (applicant
designated states:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT; SE)
Examination: 950118 A1 Date of filing of request for examination:
941117

Examination: 960124 A1 Date of despatch of first examination report:
951208

Change: 960703 A1 Representative (change)

*Assignee: 960703 A1 Applicant (transfer of rights) (change):
Constructor Lagertechnik GmbH (2114870) Alte
Papiermühle 25 51688 Wipperfurth (DE)
(applicant designated states:
AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT; SE)

*Assignee: 960703 A1 Previous applicant in case of transfer of
rights (change): Electrolux Constructor GmbH
(588331) Postfach 12 80 D-51676 Wipperfurth
(DE) (applicant designated states:
AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT; SE)

Grant: 970423 B1 Granted patent

Oppn None: 980415 B1 No opposition filed

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	802

CLAIMS B	(English)	EPAB97	663
CLAIMS B	(German)	EPAB97	629
CLAIMS B	(French)	EPAB97	762
SPEC A	(English)	EPABF2	2978
SPEC B	(English)	EPAB97	3008
Total word count - document A			3781
Total word count - document B			5062
Total word count - documents A + B			8843

7/5/3

DIALOG(R)File 348:European Patents
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00538379

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Virtual channels for a multiplexed analog component (MAC) television system.

Virtuelle Kanäle für ein Multiplexanalogkomponentenfernsehsystem (MAC).
Canaux virtuels pour un système de télévision à composante analogique multiplexée.

PATENT ASSIGNEE:

SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,
Atlanta, GA 30348, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)
Gammie, Keith, 51 Hawkrigge Avenue, Markham, Ontario, Canada L3P 1W1,
(CA)

Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit
One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)

LEGAL REPRESENTATIVE:

Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings
Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 508654 A2 921014 (Basic)
EP 508654 A3 940525

APPLICATION (CC, No, Date): EP 92302676 920327;

PRIORITY (CC, No, Date): US 677555 910329

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;
H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;

CITED PATENTS (EP A): WO 8801463 A; US 4866770 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &
JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2

A decoder for use in a television system. The decoder includes a receiver for receiving a television signal having at least one channel. Each channel of the television signal includes video and audio components. A channel maps the channel received by the receiver to a plurality of virtual channels. A first virtual channel utilizes a first combination of video and audio components of the received channel and a second virtual channel utilizes a second combination of video and audio components of the same received channel different than the first combination. A selector allows a subscriber to select one of the virtual channels. Linked text pages may also be mapped to one or more of the virtual channels.

ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 921014 A2 Published application (A1with Search Report
;A2without Search Report)

Change: 921223 A2 Inventor (change)

Change: 940518 A2 Obligatory supplementary classification
(change)

Search Report: 940525 A3 Separate publication of the European or

International search report

Examination: 950118 A2 Date of filing of request for examination: 941124

Change: 950405 A2 Representative (change)

*Assignee: 951213 A2 Applicant (transfer of rights) (change):
SCIENTIFIC-ATLANTA, INC. (353654) One
Technology Parkway South Norcross, GA
30092-2967 (US) (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
)

*Assignee: 951213 A2 Previous applicant in case of transfer of
rights (change): SCIENTIFIC-ATLANTA, INC.
(353651) One Technology Parkway, Box 105600
Atlanta, GA 30348 (US) (applicant designated
states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
)

Examination: 970528 A2 Date of despatch of first examination report: 970414

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	802
SPEC A	(English)	EPABF1	7820
Total word count - document A			8622
Total word count - document B			0
Total word count - documents A + B			8622

7/5/4

DIALOG(R)File 348:European Patents
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00412257

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

TV DATA CAPTURE DEVICE

FERNSEHDATENERFASSUNGSGERAT

UNITE DE SAISIE DE DONNEES DE TELEVISION

PATENT ASSIGNEE:

YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),
(applicant designated states: AT;DE;FR;GB;NL)

INVENTOR:

YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)

LEGAL REPRESENTATIVE:

Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,
Winchester, Hampshire SO23 9SY, (GB)

PATENT (CC, No, Kind, Date): EP 464025 A1 920108 (Basic)
EP 464025 A1 921028
EP 464025 B1 960306
WO 9106912 910516

APPLICATION (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

DESIGNATED STATES: AT; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04N-005/445;

CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551
A; US 4803551 A; GB 2107159 A; GB 2107159 A

CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880
A; US 4734764 A

CITED REFERENCES (EP A):

See also references of WO9106912;

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920108 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 920108 A1 Date of filing of request for examination:
910626

Search Report: 921028 A1 Drawing up of a supplementary European search
report: 920910

Examination: 940727 A1 Date of despatch of first examination report:

940615

Grant: 960306 B1 Granted patent
Change: 960508 B1 Representative (change)
Change: 961204 B1 Representative (change)
Lapse: 970115 B1 Date of lapse of the European patent in a
Contracting State: AT 960306
Oppn: 970122 B1 Opposition 01/961205 Philips Electronics N.V.;
Groenewoudseweg 1; NL-5621 BA Eindhoven; (NL)
(Representative:) Schmitz, Herman Jan Renier;
INTERNATIONAAL OCTROOIBUREAU B.V., Prof.
Holstlaan 6; 5656 AA Eindhoven; (NL)

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	483
CLAIMS B	(German)	EPAB96	485
CLAIMS B	(French)	EPAB96	531
SPEC B	(English)	EPAB96	3865
Total word count - document A			0
Total word count - document B			5364
Total word count - documents A + B			5364

7/5/5

DIALOG(R) File 348: European Patents

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00294921

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Multicast data distribution system.

Mehrfachaussendungsdatenubermittlungssystem.

Systeme de repartition de donnees a recepteurs multiples.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Naron, Steven E., 9909 Sorrel Avenue, Potomac Maryland 20854, (US)
Branan, John M., 404 Suffield Drive, Gaithersburg Maryland 20878, (US)
Martin, Gerland Arnold, 12528 War Admiral Way, Darnestown Maryland 20878,
(US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland
Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 303830 A2 890222 (Basic)
EP 303830 A3 910206
EP 303830 B1 940202

APPLICATION (CC, No, Date): EP 88111425 880715;

PRIORITY (CC, No, Date): US 87850 870821

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-012/18;

CITED PATENTS (EP A): WO 8603642 A; US 4569042 A

CITED REFERENCES (EP A):

A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,
Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2

A data distribution system for the timely, efficient and reliable distribution of data to an unlimited number of remote receiver installations. A data source (100) assembles data packets, and upon filling or after the lapse of a predetermined interval of time, broadcasts a respective data packet to all receivers (120) and recovery means along a communication network. Each receiver is intelligent, in that it copies the data packets into a buffer and has the responsibility of selecting out data needed to perform the receiver's intended functions. As a result, intermediate data selecting and routing means between the data source and receivers are avoided, resulting in data delivery which is both rapid and timely. For reliability, each receiver

File 278:Microcomputer Software Guide 1998/Nov

(c) 1998 Reed Elsevier Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-1998/Oct

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Software

Set	Items	Description
S1	26	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRAD FORMATION?
S2	3560	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM ?
S3	1295	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL
S4	6	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N)WALL? ?
S5	1799	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	1811	S1 OR S5
S7	63	S6 AND S2
S8	23	S7 NOT SYMBOL?
S9	6	S8 NOT LABEL? ?
S10	19	S6(50N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S11	10	RD S10 (unique items)

11/3,K/2 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00108523 DOCUMENT TYPE: Review

PRODUCT NAMES: Unwired Planet (711233)

TITLE: Squeezing Web Data
AUTHOR: Whelan, Carolyn
SOURCE: Electronic News, v44 n2208 p46(2) Mar 2, 1998
ISSN: 1061-6624
HOMEPAGE: <http://www.interport.net/enews>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980930

...service, corporate customers use Unwired's software to construct or change Web pages with limited **graphics** and text. The software pares down information requested by a user, to eliminate unneeded **graphics** and content, and sends it on a regular basis to the user's phone. A data-enabled phone can support bit-mapped **graphics** or **display** text only, and this content is converted to between four and 10 lines of text between 12 and 20 characters wide on the screen. Types of **information** available include **stock** quotes, traffic and weather reports, directories, and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all messages are listed on the **display**. The technology operates like a networked computer to split a browser and put a small...

11/3,K/3 (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00104950 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Money Financial Suite Windows 95 & NT Beta (673927); Quicken Suite 98 Windows 95 & NT Beta (673935)

TITLE: Don't Bank on This Financial Pair (Yet)
AUTHOR: Patz, Joel T.
SOURCE: Windows Magazine, v8 n12 p112(2) Dec 1997
ISSN: 1060-1066
HOMEPAGE: <http://www.winmag.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: C

REVISION DATE: 980830

...chart. However, the Web link drastically impacts program performance. Money also had trouble connecting to **stock symbols**, while Quicken did so easily, and returned likely matches to information entered in a query... and mutual fund price quotes, but Quicken only provides a week's worth. Money's **graphical** user interface (GUI) suffers from a simplistic main menu, hides some often-performed tasks, and...

11/3,K/4 (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00054053

DOCUMENT TYPE: Review

PRODUCT NAMES: Graphics for Science & Engineering (830368)

TITLE: Modern Science

AUTHOR: Hayes, William P.

SOURCE: Workstation News, v4 n7 p16(3) Jul 1993

ISSN: 1049-491X

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...product that is no longer limited to use by engineers and scientists. Its ability to **display** data is in great demand for such applications as **financial data** analysis and trend-spotting. VDA is a discovery tool for many professionals. For example, NASA first began using it to make data analysis straightforward for engineering professionals. Users must first **display** data, in order to begin a search for patterns. Data are then reorganized into smaller...

...succession. Effective VDA environments require data manipulation and management, development tools, GUIs, numerics, visualization, presentation **graphics**, platforms, and networks.

11/3,K/5 (Item 4 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00041414

DOCUMENT TYPE: Review

PRODUCT NAMES: Metaphor Mixer (406759); Capri (902316); WorldToolKit (406741)

TITLE: Big Money in Cyberspace

AUTHOR: Staff

SOURCE: CyberEdge Journal, v11 p13(1) Sep/Oct 1992

ISSN: 1061-3099

HOME PAGE: <http://www.cyberedge.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...virtual reality software that permits financial managers to physically interact with a world comprised of **financial markets**, stocks, and equities. The PC-based system, appropriately dubbed Metaphor Mixer, was developed using Sense8's WorldToolKit and visually **displays** as many as 10,000 stocks at once, with an update rate of twenty frames per second. Maxus intends to market the system as an idea generator, which provides **graphical** representations of the complex interrelationships of **financial markets**. Metaphor Mixer is currently being used to manage a \$106 billion college teachers' pension fund...

11/3,K/6 (Item 5 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00039951

DOCUMENT TYPE: Review

PRODUCT NAMES: Company - NeXT Software Inc (850632)

TITLE: Next To Join OMG At Object World
AUTHOR: Richman, Dan
SOURCE: Open Systems Today, v102 p4(1) Jul 20, 1992
ISSN: 1061-0839

RECORD TYPE: Review
REVIEW TYPE: Company

REVISION DATE: 960531

...users and contains communications objects and device drivers; database systems and objects; education and training; **financial analysis**; **information display**; multimedia; networking; telecommunications and ISDN; publishing, **graphics** and three-dimensional objects; and user-interface objects.

11/3,K/7 (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00037980 DOCUMENT TYPE: Review

PRODUCT NAMES: Carbon Copy for Windows (359211); Lotus Notes (702137); 1-2-3 (004738); Harvard Graphics for Windows (349933); NetWare (699683)

TITLE: Lotus Notes Can Ease the Process of Corporate Globalization
AUTHOR: LaPlante, Alice
SOURCE: InfoWorld, v14 n27 p60(1) Jul 6, 1992
ISSN: 0199-6649
HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and Harvard **Graphics** for Windows; a NetWare LAN. Managers can download mainframe **financial data** to an IBM PS/2 Model 70 and **display** it **graphically** as needed. Forbes is encouraged by his colleagues' positive reception to groupware concepts; he plans...

11/3,K/8 (Item 7 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00033179 DOCUMENT TYPE: Review

PRODUCT NAMES: XRT/graph 1.2 (338761)

TITLE: KL Group's XRT/graph widget
AUTHOR: Staff
SOURCE: X Journal, v1 n4 p81(2) Mar/Apr 1992
ISSN: 1056-7003

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 950401

XRT/Graph 1.2, a graphing widget for X applications, plots **graphics** files. Developers can use the combined **graphics** library and graph builder to produce dynamic graphs and charts for scientific, financial, and related

...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It extends Motif by **displaying** data in such formats as basic X-Y plots, bar, stacking bar, and pie charts. The graphs are fast enough for many real-time applications, allowing **display** of dynamic input such as scientific **data** and **stock** prices, along with static data from database queries. The article describes how XRT/Graph provides...

11/3,K/9 (Item 8 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00028605 DOCUMENT TYPE: Review

PRODUCT NAMES: Open Look-Sun X-view (237434); UNIX (699675)

TITLE: Boston Exchange Looks to Unix
AUTHOR: Krill, Paul
SOURCE: UNIX Today!, v77 p44(1) Aug 5, 1991
ISSN: 1040-5038

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980730

The Boston **Stock Exchange** is purchasing UNIX workstations to increase its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and the Open Look **graphical** user interface **display** market data, trading information, limit order books, and trading activity. The network lets Exchange members...

11/3,K/10 (Item 9 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00021503 DOCUMENT TYPE: Review

PRODUCT NAMES: Wealthbuilder 1.1 (228524)

TITLE: Can Software Help You Get Rich?
AUTHOR: Kleinholz, Lisa
SOURCE: Home Office Computing, v8 n8 p30(2) Aug 1990
ISSN: 0899-7373
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder features a comprehensive database, which includes extensive **financial data**, and a portfolio manager that tracks specific investments. Some problems with file handling and **graphics display** were encountered, but overall, WealthBuilder is a good package with solid financial management capabilities.

?

European
Patent
File

Set	Items	Description
S1	9	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE FORMATION?
S2	38831	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB?
	?	
S3	7243	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ! ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY
S4	290	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	549	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET. . OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	551	S1 OR S5
S7	5	S6(S) (S3 OR S4)
S8	29	S6(S) S2
S9	0	S8 NOT (LABEL? OR SYMBOL?)
S10	0	S6(15N) (GRAPHIC? (2N) SYMBOL? ?)

7/5/1

DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00765777

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Method and apparatus for video data management

Verfahren und Gerat zur Videodatenverwaltung

Methode et appareil pour la gestion de donnees video

PATENT ASSIGNEE:

SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,
Princeton, New Jersey 08540, (US), (applicant designated states:
DE;FR;GB)

INVENTOR:

Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)
Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)
Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)
Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)

LEGAL REPRESENTATIVE:

Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial
House 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 719046 A2 960626 (Basic)
EP 719046 A3 971126

APPLICATION (CC, No, Date): EP 95116066 951011;

PRIORITY (CC, No, Date): US 346453 941129

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2

A computer-implemented method for use by a viewer for the management of video data in a stored video stream, the video stream including a plurality of video shots wherein each shot comprises a sequence of frames, the comprises defining and storing in memory on a frame-sequence axis a time-based model of the video stream; defining and storing in memory on the frame-sequence axis at least one of a space-based model of the video stream, an object-based model of the video stream, and an event-based model of the video stream. The method further comprises selectively scanning through such of the models as have been defined; identifying time, space, object, and/or event segments of interest in such of the models as have been defined; and selecting for viewing portions of the video stream associated with the segments of interest.
(see image in original document)

ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960626 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 971126 A3 Separate publication of the European or
International search report

Change: 971126 A2 Obligatory supplementary classification
(change)

Change: 980527 A2 Representative (change)

Examination: 980715 A2 Date of filing of request for examination:
980519

Change: 980722 A2 Representative (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	2388
SPEC A	(English)	EPAB96	5983
Total word count - document A			8371
Total word count - document B			0
Total word count - documents A + B			8371

7/5/2

DIALOG(R)File 348:European Patents
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00594588

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Light tree display for a horizontal carousel

Leuchtanzeige für waagerechte Förderanlage

Dispositif d'affichage lumineux pour installation d'acheminement
horizontale

PATENT ASSIGNEE:

Constructor Lagertechnik GmbH, (2114870), Alte Papiermühle 25, 51688

Wipperfurth, (DE), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

INVENTOR:

Murphree, Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)

LEGAL REPRESENTATIVE:

Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwälte

Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59

, 81476 München, (DE)

PATENT (CC, No, Kind, Date): EP 597464 A1 940518 (Basic)

EP 597464 B1 970423

APPLICATION (CC, No, Date): EP 93118224 931110;

PRIORITY (CC, No, Date): US 974252 921110

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;
SE

INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1

A programmable, visible display system or "light tree" for indicating loading and picking information to an operator of a storage conveyor of the horizontal carousel type is disclosed. The system includes a vertically extending array of regularly spaced lightable elements that is located adjacent the position occupied by a selected shelf of trays or bins for containing items to be stored or distributed. The display is programmed to match the vertical spacing of the shelves in each carrier of the storage conveyor so as to display information regarding the number of items to be removed from or placed in the bins when adjacent to the array, such information being horizontally aligned with the associated bin. (see image in original document)

ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940518 A1 Published application (A1with Search Report
;A2without Search Report)

*Assignee: 940601 A1 Applicant (transfer of rights) (change):
Electrolux Constructor GmbH (588331) Postfach
12 80 D-51676 Wipperfurth (DE) (applicant
designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

Examination: 950118 A1 Date of filing of request for examination:
941117

Examination: 960124 A1 Date of despatch of first examination report:
951208

Change: 960703 A1 Representative (change)

*Assignee: 960703 A1 Applicant (transfer of rights) (change):
Constructor Lagertechnik GmbH (2114870) Alte
Papiermühle 25 51688 Wipperfurth (DE)
(applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

*Assignee: 960703 A1 Previous applicant in case of transfer of
rights (change): Electrolux Constructor GmbH
(588331) Postfach 12 80 D-51676 Wipperfurth
(DE) (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

Grant: 970423 B1 Granted patent

Oppn None: 980415 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) EPABF2 802

CLAIMS B	(English)	EPAB97	663
CLAIMS B	(German)	EPAB97	629
CLAIMS B	(French)	EPAB97	762
SPEC A	(English)	EPABF2	2978
SPEC B	(English)	EPAB97	3008
Total word count - document A			3781
Total word count - document B			5062
Total word count - documents A + B			8843

7/5/3

DIALOG(R)File 348:European Patents
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00538379

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Virtual channels for a multiplexed analog component (MAC) television system.

Virtuelle Kanäle für ein Multiplexanalogkomponentenfernsehsystem (MAC).
Canaux virtuels pour un système de télévision à composante analogique multiplexée.

PATENT ASSIGNEE:

SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,
Atlanta, GA 30348, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)
Gammie, Keith, 51 Hawkrig Avenue, Markham, Ontario, Canada L3P 1W1,
(CA)

Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit
One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)

LEGAL REPRESENTATIVE:

Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings
Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 508654 A2 921014 (Basic)
EP 508654 A3 940525

APPLICATION (CC, No, Date): EP 92302676 920327;

PRIORITY (CC, No, Date): US 677555 910329

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;
H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;

CITED PATENTS (EP A): WO 8801463 A; US 4866770 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &
JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2

A decoder for use in a television system. The decoder includes a receiver for receiving a television signal having at least one channel. Each channel of the television signal includes video and audio components. A channel maps the channel received by the receiver to a plurality of virtual channels. A first virtual channel utilizes a first combination of video and audio components of the received channel and a second virtual channel utilizes a second combination of video and audio components of the same received channel different than the first combination. A selector allows a subscriber to select one of the virtual channels. Linked text pages may also be mapped to one or more of the virtual channels.

ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 921014 A2 Published application (A1with Search Report
;A2without Search Report)

Change: 921223 A2 Inventor (change)

Change: 940518 A2 Obligatory supplementary classification
(change)

Search Report: 940525 A3 Separate publication of the European or

International search report

Examination: 950118 A2 Date of filing of request for examination: 941124

Change: 950405 A2 Representative (change)

*Assignee: 951213 A2 Applicant (transfer of rights) (change):
 SCIENTIFIC-ATLANTA, INC. (353654) One
 Technology Parkway South Norcross, GA
 30092-2967 (US) (applicant designated states:
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
)

*Assignee: 951213 A2 Previous applicant in case of transfer of
 rights (change): SCIENTIFIC-ATLANTA, INC.
 (353651) One Technology Parkway, Box 105600
 Atlanta, GA 30348 (US) (applicant designated
 states:
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
)

Examination: 970528 A2 Date of despatch of first examination report: 970414

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	802
SPEC A	(English)	EPABF1	7820
Total word count - document A			8622
Total word count - document B			0
Total word count - documents A + B			8622

7/5/4

DIALOG(R)File 348:European Patents
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00412257

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

TV DATA CAPTURE DEVICE

FERNSEHDATENERFASSUNGSGERAT

UNITE DE SAISIE DE DONNEES DE TELEVISION

PATENT ASSIGNEE:

YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),
 (applicant designated states: AT;DE;FR;GB;NL)

INVENTOR:

YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)

LEGAL REPRESENTATIVE:

Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,
 Winchester, Hampshire SO23 9SY, (GB)

PATENT (CC, No, Kind, Date): EP 464025 A1 920108 (Basic)
 EP 464025 A1 921028
 EP 464025 B1 960306
 WO 9106912 910516

APPLICATION (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

DESIGNATED STATES: AT; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04N-005/445;

CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551
 A; US 4803551 A; GB 2107159 A; GB 2107159 A

CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880
 A; US 4734764 A

CITED REFERENCES (EP A):

See also references of WO9106912;

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920108 A1 Published application (A1with Search Report
 ;A2without Search Report)

Examination: 920108 A1 Date of filing of request for examination:
 910626

Search Report: 921028 A1 Drawing up of a supplementary European search
 report: 920910

Examination: 940727 A1 Date of despatch of first examination report:

940615

Grant: 960306 B1 Granted patent
Change: 960508 B1 Representative (change)
Change: 961204 B1 Representative (change)
Lapse: 970115 B1 Date of lapse of the European patent in a
Contracting State: AT 960306
Oppn: 970122 B1 Opposition 01/961205 Philips Electronics N.V.;
Groenewoudseweg 1; NL-5621 BA Eindhoven; (NL)
(Representative:) Schmitz, Herman Jan Renier;
INTERNATIONAAL OCTROOIBUREAU B.V., Prof.
Holstlaan 6; 5656 AA Eindhoven; (NL)

LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	483
CLAIMS B	(German)	EPAB96	485
CLAIMS B	(French)	EPAB96	531
SPEC B	(English)	EPAB96	3865
Total word count - document A			0
Total word count - document B			5364
Total word count - documents A + B			5364

7/5/5

DIALOG(R) File 348: European Patents
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00294921

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Multicast data distribution system.

Mehrfachaussendungsdatenubermittlungssystem.

Systeme de repartition de donnees a recepteurs multiples.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 303830 A2 890222 (Basic)
EP 303830 A3 910206
EP 303830 B1 940202

APPLICATION (CC, No, Date): EP 88111425 880715;

PRIORITY (CC, No, Date): US 87850 870821

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-012/18;

CITED PATENTS (EP A): WO 8603642 A; US 4569042 A

CITED REFERENCES (EP A):

A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,
Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2

A data distribution system for the timely, efficient and reliable distribution of data to an unlimited number of remote receiver installations. A data source (100) assembles data packets, and upon filling or after the lapse of a predetermined interval of time, broadcasts a respective data packet to all receivers (120) and recovery means along a communication network. Each receiver is intelligent, in that it copies the data packets into a buffer and has the responsibility of selecting out data needed to perform the receiver's intended functions. As a result, intermediate data selecting and routing means between the data source and receivers are avoided, resulting in data delivery which is both rapid and timely. For reliability, each receiver

monitors the sequence numbers of the data packets which have been received and, also, whether a data packet is received at least as frequently as the predetermined interval of time. Any data packet which a receiver determines as missing, can be obtained from the recovery means which stores a library of the received data packets or which can retrieve the missing data packet from the data source.

ABSTRACT WORD COUNT: 188

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890222 A2 Published application (A1with Search Report
;A2without Search Report)
Examination: 890816 A2 Date of filing of request for examination:
890619
Search Report: 910206 A3 Separate publication of the European or
International search report
Examination: 921202 A2 Date of despatch of first examination report:
921015
Grant: 940202 B1 Granted patent
Change: 940914 B1 Representative (change)
Oppn None: 950125 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1346
CLAIMS B	(German)	EPBBF1	1154
CLAIMS B	(French)	EPBBF1	1615
SPEC B	(English)	EPBBF1	11554
Total word count - document A			0
Total word count - document B			15669
Total word count - documents A + B			15669

9/22/98

1. 5,722,192, Mar. 3, 1998, Moving decorative display for articles of clothing; Sybil Salley, 40/329, 452, 586, 661; 362/106 [IMAGE AVAILABLE]
2. 5,515,076, May 7, 1996, Multi-dimensional array video processor system; E. Earle Thompson, et al., 345/139, 502 [IMAGE AVAILABLE]
- ✓ 3. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]
4. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]
5. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]
6. 3,656,148, Apr. 11, 1972, DATA HANDLING APPARATUS; Richmond D. Belcher, et al., 345/2; 340/825.27; 345/12, 26, 141 [IMAGE AVAILABLE]
7. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]
8. 3,611,348, Oct. 5, 1971, CHARACTER DISPLAY SYSTEM; William Paul Rogers, 345/25; 340/825.26 [IMAGE AVAILABLE]
9. 3,566,090, Feb. 23, 1971, APPARATUS FOR CONTROLLING THE RATE OF TRANSFER OF INFORMATION; Ronald W. Johnson, 377/26; 340/825.27; 364/918, 918.7, 926.1, 926.5, 927.2, 927.4, 934, 934.1, 934.3, 939, 939.4, 942.7, 947, 947.6, DIG.2; 377/49; 395/200.63 [IMAGE AVAILABLE]

=> d his

(FILE 'HOME' ENTERED AT 16:57:52 ON 19 NOV 1998)

FILE 'USPATFULL' ENTERED AT 16:58:11 ON 19 NOV 1998

L1 6 S DISPLAY (6W) (STOCK TICKER OR STOCK SYMBOL# OR STOCK PRI

FILE 'WPIDS' ENTERED AT 17:05:02 ON 19 NOV 1998

L2 16 S L1

=> d 1-16

L2 ANSWER 1 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 98-073575 [07] WPIDS
DNN N98-058946
TI Information display for showing news data corresponding to variation
of stock price in security industry - has display unit which shows
received news information when CPU determines that news information
coincide with search condition so that caution evocation of news
information is performed.
DC T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09311774 A 971202 (9807)* 7 pp G06F003-14
ADT JP 09311774 A JP 96-126121 960521
PRAI JP 96-126121 960521
IC ICM G06F003-14
ICS G06F017-21

L2 ANSWER 2 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 98-048366 [05] WPIDS
DNN N98-038637
TI Fixing method of **display** node for **stock**
price information - involves mounting of claws and stopper
of display nodes on attachment hole.
DC P85
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09297540 A 971118 (9805)* 3 pp G09F007-18
ADT JP 09297540 A JP 96-109041 960430
PRAI JP 96-109041 960430
IC ICM G09F007-18
ICS G09F007-02

L2 ANSWER 3 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-541494 [50] WPIDS
DNN N97-450828
TI Stock price report display device for information transfer system -
has **display** screens which **display stock**
price information and brand name in several rows, according
to respective area number and display method.
DC P85 T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09259182 A 971003 (9750)* 12 pp G06F017-60
ADT JP 09259182 A JP 96-68824 960325
PRAI JP 96-68824 960325

IC ICM G06F017-6
ICS G06F003-14; G09G003-00

L2 ANSWER 4 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-476929 [44] WPIDS
DNN N97-397713
TI Information display device for e.g. bank, security company - has display screen that displays entire news information e.g. stock prices, interest rates by allowing continuous flowing of news information to display.
DC P85 T01
PA (MATU) MATSUSHITA DENKI SANGYO KK
CYC 1
PI JP 09223173 A 970826 (9744)* 10 pp G06F017-60
ADT JP 09223173 A JP 96-31787 960220
PRAI JP 96-31787 960220
IC ICM G06F017-60
ICS G09G003-00
ICA G09G005-00

L2 ANSWER 5 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-216647 [20] WPIDS
DNN N97-178634 DNC C97-069931
TI Electrochromic element used in glare-proof mirror of large sized **display** plates such as **stock price** display - has sealing layer which is sealed between pair of glass substrates, using fluororesin type adhesive.
DC A14 A85 P81 U14 V07
PA (TOFU) TONEN CORP
CYC 1
PI JP 09061857 A 970307 (9720)* 7 pp G02F001-161
ADT JP 09061857 A JP 95-218714 950828
PRAI JP 95-218714 950828
IC ICM G02F001-161
ICS G02F001-15

L2 ANSWER 6 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-142212 [13] WPIDS
DNN N97-117744
TI Display device of security commercial scene information such as stock price - has screen output part which outputs selected information according to screen structure in screen structure memory part.
DC P85 T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09022267 A 970121 (9713)* 12 pp G09G003-00
ADT JP 09022267 A JP 95-194066 950707
PRAI JP 95-194066 950707
IC ICM G09G003-00
ICS G06F003-14; G09G005-36

L2 ANSWER 7 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-091280 [09] WPIDS
DNN N97-075203
TI Stock price data **display** for various stock brands - has **stock price** data **display** command unit that displays **stock price** data entered into input unit on appointed positions on display boards.
DC P85 T01 T04
PA (MATU) MATSUSHITA DENKI SANGYO KK
CYC 1
PI JP 08328500 A 961213 (9709)* 7 pp G09G003-00
ADT JP 08328500 A JP 95-133420 950531
PRAI JP 95-133420 950531

IC ICM G09G003-0

L2 ANSWER 8 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-510391 [51] WPIDS
DNN N96-430261
TI Market data receiver for selective **display** of received market data e.g. **stock price** - edits extracted data code into selection code data and prints edited selection code data to group.

DC T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08263560 A 961011 (9651)* 14 pp G06F017-60
ADT JP 08263560 A JP 95-90007 950324
PRAI JP 95-90007 950324
IC ICM G06F017-60
ICS G06F019-00

L2 ANSWER 9 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-489655 [49] WPIDS
DNN N96-412593
TI Information **display** appts for **display** of interest rate, **stock price**, numeric data, numeric character in bank, security firm - has scroll control unit to display message information in item display part based on data from image memory part in state where scrolling is not used.

DC P85 W05
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08248915 A 960927 (9649)* 5 pp G09G003-20
ADT JP 08248915 A JP 95-78137 950309
PRAI JP 95-78137 950309
IC ICM G09G003-20

L2 ANSWER 10 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-177085 [18] WPIDS
DNN N96-148781
TI Information **display** for providing movement of market **stock price** information to stock exchange - has central processing unit for classifying and arranging market stock price information that will be transferred from data storage part to display appts., based on information specification from input unit.

DC T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08055153 A 960227 (9618)* 6 pp G06F017-60
ADT JP 08055153 A JP 94-189281 940811
PRAI JP 94-189281 940811
IC ICM G06F017-60

L2 ANSWER 11 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-168714 [17] WPIDS
DNN N96-141893
TI Cordless stock price reporting device - uses display side control part to update in harmonious portion of data.

DC T01 W02
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08050618 A 960220 (9617)* 8 pp G06F017-60
ADT JP 08050618 A JP 94-203077 940805
PRAI JP 94-203077 940805
IC ICM G06F017-60
ICS G06F013-00

L2 ANSWER 12 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 96-120790 [13] WPIDS
 DNN N96-101233
 TI Information **display** device for displaying **stock price** - includes controller to perform predetermined processing to information to be displayed based on contents of screen definition file.
 DC T01
 PA (KOKZ) KOKUSAI DENKI KK
 CYC 1
 PI JP 08016667 A 960119 (9613)* 10 pp G06F017-60
 ADT JP 08016667 A JP 94-171583 940701
 PRAI JP 94-171583 940701
 IC ICM G06F017-60
 ICS G06F003-14

L2 ANSWER 13 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 96-067009 [07] WPIDS
 DNN N96-056473
 TI Stock-price reporting system - has two kinds of display terminals that display input information in character data form considered as stock-price information transmitted at different data rates.
 DC W01
 PA (KOKZ) KOKUSAI DENKI KK
 CYC 1
 PI JP 07327087 A 951212 (9607)* 6 pp H04M011-00
 ADT JP 07327087 A JP 94-189102 940601
 PRAI JP 94-189102 940601
 IC ICM H04M011-00
 ICS H04L007-00; H04L029-06

L2 ANSWER 14 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 92-085552 [11] WPIDS
 TI Device for displaying stock-price data from teletext - has decoder, data memory, data controller, data selector, and display unit
 NoAbstract Dwg 1/23.
 DC P85 R57 W03
 PA (SOPH-N) SOPHIA SYST
 CYC 1
 PI JP 04029295 A 920131 (9211)* 18 pp
 ADT JP 04029295 A JP 90-134169 900525
 PRAI JP 90-134169 900525
 IC G09G005-00; H04N007-08

L2 ANSWER 15 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 90-373704 [50] WPIDS
 TI Colour CRTs **display** e.g. for **stock price** list - uses controller for driving four colour CRTs and includes video control boards for supplying data from data source
 NoAbstract.
 PA (KIMS-I) KIM S
 CYC 1
 PI KR 9000475 B 900130 (9050)*
 PRAI KR 87-2246 870713
 IC G06F003-15

L2 ANSWER 16 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 84-115087 [19] WPIDS
 DNN N84-085013
 TI Electronic display panel for stock prices - has parallel display panels mounted on carriers with integrated circuit chips providing control functions.
 DC P85 T04 U14 W05
 IN BIRK, K P
 PA (OPTI-N) OPTI TABLE ALUMINIUM PROD
 CYC 1

PI DE 3240030 A 0503 (8419)* 22 pp
ADT DE 3240030 A DE 82-3240030 821026
PRAI DE 82-3240030 821026
IC G09F009-35; G09G003-18

9/22/98

(FILE 'USPAT' ENTERED AT 11:34:53 ON 19 NOV 1998)

L1	109 S 705/35/CCLS
L2	154 S FINANCIAL INSTRUMENTS
L3	25 S VIDEO WALL
L4	53 S CORPORATE LOGOS
L5	1306 S VALUE INFORMATION
L6	4 S GRAPHIC IDENTIFIER
L7	0 S GRAPHIC IDENTIFIER INFORMATION
L8	0 S L2 AND L3
L9	0 S L2 AND L4
L10	8 S L2 AND L5
L11	16 S L1 AND L2
L12	0 S L11 AND L5
L13	0 S L11 AND L6
L14	1 S TICKER FEED?
L15	356 S MARKET CONDITIONS
L16	120 S MARKET DATA
L17	13 S L15 AND L16
L18	8 S L1 AND L15
L19	5 S L1 AND L16

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        7:30am - 5:00pm Saturday, Sunday, Holidays  
  
APS is unavailable Thanksgiving Day, Christmas Day,  
and New Year's Day.
```

2. 5,742,677, Apr. 21, 1998, Information terminal having reconfigurable memory; Howard G. Pinder, et al., 380/4, 21, 25 [IMAGE AVAILABLE]

✓ 3. 5,740,549, Apr. 14, 1998, Information and advertising distribution system and method; James P. Reilly, et al., 705/14 [IMAGE AVAILABLE]

4. 5,710,889, Jan. 20, 1998, Interface device for electronically integrating global financial services; Barry Alan Clark, et al., 345/344; 235/379, 380; 705/35, 39, 42 [IMAGE AVAILABLE]

5. 5,557,798, Sep. 17, 1996, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 705/35, 364/280, 281.3, 284, 284.3, DIG.1; 395/200.45, 200.59, 682 [IMAGE AVAILABLE]

7 6. 5,537,526, Jul. 16, 1996, Method and apparatus for processing a display document utilizing a system level document framework; David R. Anderson, et al., 707/515; 345/331, 346; 707/501, 512 [IMAGE AVAILABLE]

✓ 7. 5,257,369, Oct. 26, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/239.9, 240.8, 240.9, 284, DIG.1; 395/200.59 [IMAGE AVAILABLE]

✓ 8. 5,220,500, Jun. 15, 1993, Financial management system; Andrew V. Baird, et al., 705/36 [IMAGE AVAILABLE]

9. 5,208,665, May 4, 1993, Presentation player for an interactive digital communication system; Karl W. McCalley, et al., 348/12; 455/5.1 [IMAGE AVAILABLE]

10. 5,195,092, Mar. 16, 1993, Interactive multimedia presentation & communication system; Steven D. Wilson, et al., 348/13; 340/825.5; 348/19; 370/498, 528 [IMAGE AVAILABLE]

11. 5,191,410, Mar. 2, 1993, Interactive multimedia presentation and communications system; Karl W. McCalley, et al., 348/13; 379/93.12 [IMAGE AVAILABLE]

✓ 12. 5,187,787, Feb. 16, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/225, 227.2, 240.8, 242.94, 242.95, 242.96, 246.3, 260.4, 260.9, 281.3, 282.1, 284, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

13. 5,122,795, Jun. 16, 1992, Scanning receiver for nationwide radio paging system; H. Dean Cubley, et al., 340/825.44; 455/31.2, 32.1 [IMAGE AVAILABLE]

14. 5,113,496, May 12, 1992, Bus interconnection structure with redundancy linking plurality of groups of processors, with servers for each group mounted on chassis; Karl W. McCalley, et al., 395/306; 340/825.03, 827; 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238, 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1, 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2, 284.3, 931.43, 940.68, DIG.1; 395/182.02 [IMAGE AVAILABLE]

Company Logo

=> d his

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(FILE 'USPAT' ENTERED AT 17:23:39 ON 19 NOV 1998)
L1      19 S DISPLAY# (6W)(STOCK TICKER# OR STOCK SYMBOL# OR STOCK P
RIC
L2      517 S COMPAN? LOGO# OR LOGO# OF COMPAN?
L3      0 S L1 AND L2
L4      25 S DISPLAY# (6W)(COMPAN? LOGO# OR LOGO# OF COMPAN?)
L5      0 S L4 AND L1
L6      99056 S STOCK
L7      1 S L4 AND L6
L8      0 S ( STOCK SYMBOL# AND COMPAN? LOGO#)
L9      0 S L1 AND L2
L10     0 S DIPLSLAY? COMPAN? LOGO#
L11     1 S DISPLAY? COMPAN? LOGO#
L12     34 S DISPLAY? (6W)(COMPAN? LOGO# OR LOGO# OF COMPAN?)
L13     0 S L1 AND L12
L14     262 S (STOCK TICKER# OR STOCK SYMBOL# OR STOCK PRICE#)
L15     0 S L12 AND L14
L16     19346 S 345*/CCLST
L17     6 S L12 AND L16
```

=> d 1-6

1. 5,371,851, Dec. 6, 1994, Graphical data base editor; Chris M. Pieper, et al., 345/507 [IMAGE AVAILABLE]
2. 5,296,869, Mar. 22, 1994, Digital engine analyzer; Gary D. Jonker, et al., 345/24; 73/117.3; 324/394; 345/140; 701/102 [IMAGE AVAILABLE]
3. 5,258,753, Nov. 2, 1993, Digital engine analyzer; Gary D. Jonker, et al., 345/140; 73/117.3; 324/379; 345/133; 701/102 [IMAGE AVAILABLE]
4. 5,250,935, Oct. 5, 1993, Waveform peak capture circuit for digital engine analyzer; Gary D. Jonker, et al., 345/134; 324/379; 701/102; 702/67 [IMAGE AVAILABLE]
5. 5,247,287, Sep. 21, 1993, Digital engine analyzer; Gary D. Jonker, et al., 345/134; 324/121R, 379; 345/140; 701/102; 702/67 [IMAGE AVAILABLE]
6. 5,245,324, Sep. 14, 1993, Digital engine analyzer; Gary D. Jonker, et al., 345/134; 324/121R, 379; 345/11, 169; 701/102 [IMAGE AVAILABLE]

=> d 1-6 kwic

US PAT NO: 5,371,851 [IMAGE AVAILABLE]
US-CL-CURRENT: 345/507

L17: 1 of 6

DETDDESC:

DETD(99)

If the window is too small to **display** the Workbench area, TekWAVES

displays the company logo.

US PAT NO: 5,296,869 [IMAGE AVAILABLE] L17: 2 of 6
US-CL-CURRENT: 345/24; 73/117.3; 324/394; 345/140; 701/102

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display a company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,258,753 [IMAGE AVAILABLE] L17: 3 of 6
US-CL-CURRENT: 345/140; 73/117.3; 324/379; 345/133; 701/102

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display a company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,250,935 [IMAGE AVAILABLE] L17: 4 of 6
US-CL-CURRENT: 345/134; 324/379; 701/102; 702/67

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display a company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,247,287 [IMAGE AVAILABLE] L17: 5 of 6
US-CL-CURRENT: 345/134; 324/121R, 379; 345/140; 701/102; 702/67

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display a company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

US PAT NO: 5,245,324 [IMAGE AVAILABLE] L17: 6 of 6
US-CL-CURRENT: 345/134; 324/121R, 379; 345/11, 169; 701/102

DETDESC:

DETD(34)

Upon . . . 70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display a company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the. . .

9/22/98

- ✓ 1. 5,809,483, Sep. 15, 1998, Online transaction processing system for bond trading; S. William Broka, et al., (705/37) [IMAGE AVAILABLE]
2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47 [IMAGE AVAILABLE]
- ✗ 3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user definable video displayed document showing changes in real time data; Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]
- ✗ 4. 5,270,922, Dec. 14, 1993, System for distributing, processing and displaying financial information; Gerard M. Higgins, (705/37); 340/825.26 [IMAGE AVAILABLE].
- ✓ 5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]
- ✗ 6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]
- ✓ 7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115; 340/825.26 [IMAGE AVAILABLE]
- 8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., (345/124); 340/825.26; 345/25, 28 [IMAGE AVAILABLE]
- 7 9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; (345/121) [IMAGE AVAILABLE]
- ✓ 10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W. Andrews, et al., (345/148); 340/825.26 [IMAGE AVAILABLE]
- ✓ 11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., (345/56); 340/825.26; 377/129 [IMAGE AVAILABLE]
12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS; Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

=> s financila display?

```
      0 FINANCILA
289378 DISPLAY?
L3      0 FINANCILA DISPLAY?
        (FINANCILA(W)DISPLAY?)
```

=> s financial display?

```
      7414 FINANCIAL
289378 DISPLAY?
L4      0 FINANCIAL DISPLAY?
        (FINANCIAL(W)DISPLAY?)
```

=> s display? (6w) (stock ticker# or stock symbol# or stock price#)

288705 DISPLAY?
98886 STOCK
208 TICKER#
41 STOCK TICKER#
(STOCK(W)TICKER#)
98886 STOCK
104844 SYMBOL#
18 STOCK SYMBOL#
(STOCK(W)SYMBOL#)
98886 STOCK
52390 PRICE#
219 STOCK PRICE#
(STOCK(W)PRICE#)

L5 23 DISPLAY? (6W) (STOCK TICKER# OR STOCK SYMBOL# OR STOCK PRICE#)

=> d 1-23

L5 ANSWER 1 OF 23 USPATFULL
AN 1998:140331 USPATFULL
TI Method for preserving and reusing software objects associated with web pages
IN Brim, David Neal, Custer, WA, United States
PA Wall Data Incorporated, Kirkland, WA, United States (U.S. corporation)
PI US 5835914 981110
AI US 97-800545 970218 (8)
DT Utility
LN.CNT 781
INCL INCLM: 707/206.000
INCLS: 707/002.000; 707/003.000; 707/006.000; 707/010.000;
707/513.000; 707/104.000; 395/712.000; 395/200.330
NCL NCLM: 707/206.000
NCLS: 707/002.000; 707/003.000; 707/006.000; 707/010.000;
707/513.000; 707/104.000; 395/712.000; 395/200.330
IC [6]
ICM: G06F017-30
EXF 395/712; 395/200.33; 395/200.49; 395/200.23; 707/206; 707/513;
707/501; 707/1; 707/6; 707/2; 707/4; 707/10; 707/103; 707/104;
707/3

L5 ANSWER 2 OF 23 USPATFULL
AN 1998:139551 USPATFULL
TI Interactive system for a closed cable network which includes facsimiles and voice mail on a display
IN Lewis, Scott W., San Jose, CA, United States
PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)
PI US 5835126 981110
AI US 96-616562 960315 (8)
DT Utility
LN.CNT 1388
INCL INCLM: 348/008.000
INCLS: 348/006.000; 455/006.300; 379/100.120; 379/101.010
NCL NCLM: 348/008.000
NCLS: 348/006.000; 455/006.300; 379/100.120; 379/101.010

IC [6]
ICM: H04N007-16
EXF 348/6; 348/7; 348/8; 348/9; 348/10; 348/11; 348/12; 348/13;
348/14; 348/15; 348/16; 348/17; 348/18; 455/3.1; 455/4.1; 455/4.2;
455/5.1; 455/6.1; 455/6.2; 455/6.3; H04N007-16; 7173; <379
156-;157;100.12;100.01;100.08;100.09;100.11;101.01;100;67;88;89

L5 ANSWER 3 OF 23 USPATFULL
AN 1998:123657 USPATFULL
TI Internet enhanced video system
IN Maa, Chia-Yiu, 16220 SW. Colleen Ct., Beaverton, OR, United States
97007
PI US 5818935 981006
AI US 97-814286 970310 (8)
DT Utility
LN.CNT 1231
INCL INCLM: 380/020.000
INCLS: 348/467.000
NCL NCLM: 380/020.000
NCLS: 348/467.000

IC [6]
ICM: H04N007-167
ICS: H04N007-00
EXF 380/20; 348/461-468

L5 ANSWER 4 OF 23 USPATFULL
AN 1998:80535 USPATFULL
TI Market information machine
IN Kolton, Anthony D., Chicago, IL, United States
Gamboa, Ruben A., Austin, TX, United States
Chimenti, Danette S., Austin, TX, United States
PA Logical Information Machines, Inc., Chicago, IL, United States
(U.S. corporation)
PI US 5778357 980707
AI US 96-777123 961230 (8)
RLI Continuation of Ser. No. US 95-392612, filed on 22 Feb 1995, now
patented, Pat. No. US 5590325 which is a continuation of Ser. No.
US 91-713359, filed on 11 Jun 1991, now abandoned
DT Utility
LN.CNT 889
INCL INCLM: 707/002.000
INCLS: 707/004.000; 707/006.000; 707/104.000
NCL NCLM: 707/002.000
NCLS: 707/004.000; 707/006.000; 707/104.000
IC [6]
ICM: G06F017-30
EXF 395/601; 395/602; 395/603; 395/606; 395/615; 395/237; 707/2;
707/4; 707/6; 707/104

L5 ANSWER 5 OF 23 USPATFULL
AN 1998:76473 USPATFULL
TI Human factored interface incorporating adaptive pattern
recognition based controller apparatus
IN Hoffberg, Steven M., 29 Buckout Rd., West Harrison, NY, United
States 10604
Hoffberg-Borghesani, Linda I., 40 Jackson Dr., Acton, MA, United
States 01720
PI US 5774357 980630
AI US 95-471215 950606 (8)
RLI Continuation of Ser. No. US 91-812805, filed on 23 Dec 1991
DT Utility
LN.CNT 7695
INCL INCLM: 364/188.000
INCLS: 395/559.000; 395/595.000; 395/587.000; 348/110.000;
348/026.000; 348/734.000

NCL NCLM: 364/1000
NCLS: 348/0000; 348/110.000; 348/734.000; 395/559.000;
395/587.000; 395/595.000

IC [6]

ICM: G05B009-02

EXF 364/188; 358/142; 340/706; 356/335; 395/559; 395/595; 395/587;
395/552; 348/110; 348/27; 348/734; 345/195; 326/36; 386/83;
370/384

L5 ANSWER 6 OF 23 USPATFULL

AN 1998:40916 USPATFULL

TI Information and advertising distribution system and method

IN Reilly, James P., San Francisco, CA, United States

Hassett, Gregory P., Cupertino, CA, United States

PA PointCast, Inc., Sunnyvale, CA, United States (U.S. corporation)

PI US 5740549 980414

AI US 95-489591 950612 (8)

DT Utility

LN.CNT 1242

INCL INCLM: 705/014.000

NCL NCLM: 705/014.000

IC [6]

ICM: G06F017-60

EXF 395/214; 395/200.09; 395/200.11; 395/200.15; 395/602; 395/604;
705/1; 705/14

L5 ANSWER 7 OF 23 USPATFULL

AN 97:50463 USPATFULL

TI Interactive system for a closed cable network

IN Lewis, Scott W., San Jose, CA, United States

PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)

PI US 5638426 970610

AI US 93-134099 931012 (8)

DT Utility

LN.CNT 1240

INCL INCLM: 379/090.000

INCLS: 379/093.000; 348/013.000; 348/008.000

NCL NCLM: 379/090.010

NCLS: 348/008.000; 348/013.000; 379/093.020; 379/093.030;
379/093.170; 379/093.310; 379/100.010

IC [6]

ICM: H04M011-00

EXF 379/90; 379/93; 379/94; 379/96; 379/98; 379/100; 379/91; 348/13;
348/14; 348/6; 348/7; 348/8; 348/12; 455/3.1; 455/2; 455/4.1;
455/4.2; 455/5.1; 455/6.1; 455/6.3

L5 ANSWER 8 OF 23 USPATFULL

AN 97:23168 USPATFULL

TI Interactive system for a closed cable network

IN Lewis, Scott W., Saratoga, CA, United States

PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)

PI US 5612730 970318

AI US 95-400245 950303 (8)

DT Utility

LN.CNT 1284

INCL INCLM: 348/008.000

INCLS: 348/012.000; 348/013.000; 455/005.100; 455/006.300

NCL NCLM: 348/008.000

NCLS: 348/012.000; 348/013.000; 455/005.100; 455/006.300

IC [6]

ICM: H04N007-14

ICS: H04N007-18; H04N007-00

EXF 348/6; 348/8; 348/12; 348/13; 348/14; 348/15; 348/3; 348/5;

L5 ANSWER 9 OF 23 USPATFULL
 AN 96:121718 USPATFULL
 TI System for forming queries to a commodities trading database using analog indicators
 IN Kolton, Anthony D., Chicago, IL, United States
 Gamboa, Ruben A., Austin, TX, United States
 Chimenti, Danette S., Austin, TX, United States
 PA Logical Information Machines, Inc., Chicago, IL, United States (U.S. corporation)
 PI US 5590325 961231
 AI US 95-392612 950222 (8)
 RLI Continuation of Ser. No. US 91-713359, filed on 11 Jun 1991, now abandoned
 DT Utility
 LN.CNT 944
 INCL INCLM: 395/615.000
 INCLS: 364/DIG.001; 364/282.100; 364/283.300; 395/210.000
 NCL NCLM: 707/104.000
 NCLS: 364/DIG.001; 364/282.100; 364/283.300; 705/010.000
 IC [6]
 ICM: G06F017-30
 EXF 395/600; ; 364/408

L5 ANSWER 10 OF 23 USPATFULL
 AN 96:11431 USPATFULL
 TI Television paging system
 IN Murray, Bradley A., West Palm Beach, FL, United States
 PA Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
 PI US 5489894 960206
 AI US 94-222497 940404 (8)
 RLI Continuation of Ser. No. US 92-995314, filed on 22 Dec 1992, now abandoned which is a continuation of Ser. No. US 91-726594, filed on 8 Jul 1991, now abandoned
 DT Utility
 LN.CNT 428
 INCL INCLM: 340/825.440
 INCLS: 455/038.400; 455/066.000; 348/563.000; 348/723.000
 NCL NCLM: 340/825.440
 NCLS: 348/563.000; 348/723.000; 455/038.400; 455/066.000
 IC [6]
 ICM: G08B005-22
 EXF 340/825.44; 455/38.1; 455/66; 455/38.4; 380/10; 380/11; 380/20; 348/563; 348/564; 348/723

L5 ANSWER 11 OF 23 USPATFULL
 AN 96:9781 USPATFULL
 TI Interactive system for a closed cable network
 IN Lewis, Scott W., Saratoga, CA, United States
 PA Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)
 PI US 5488411 960130
 AI US 94-212353 940314 (8)
 DT Utility
 LN.CNT 1205
 INCL INCLM: 348/008.000
 INCLS: 348/006.000; 455/006.300
 NCL NCLM: 348/008.000
 NCLS: 348/006.000; 455/006.300
 IC [6]
 ICM: H04N007-173
 EXF 348/6; 348/8; 348/12; 348/13; 348/3; 348/5; 348/14; 348/15; 455/5.1; 455/6.1; 455/6.3; 358/86; 358/85; H04N007-16; <H04 N00-7173; <H04 N00-714; <H04 N00-715

L5 ANSWER 12 OF 23 USPATFULL

AN 95:85263 USPATFULL

TI Radio communication receiving device detecting a frequency modulation preamble signal

IN Tanaka, Kiyoshi, Chiba, Japan

PA Uniden Corporation, Ichikawa, Japan (non-U.S. corporation)

PI US 5452472 950919

AI US 93-86857 930707 (8)

PRAI JP 92-245969 920824

DT Utility

LN.CNT 784

INCL INCLM: 455/038.200

INCLS: 455/205.000; 455/343.000; 340/311.100; 340/825.440

NCL NCLM: 455/038.200

NCLS: 340/311.100; 340/825.440; 455/205.000; 455/343.000

IC [6]

ICM: H04B001-16

EXF 455/38.1; 455/38.2; 455/38.3; 455/343; 455/32.1; 455/228;
455/67.1; 455/226.1; 455/227; 455/229; 455/205; 340/311.1;
340/825.44

L5 ANSWER 13 OF 23 USPATFULL

AN 95:45896 USPATFULL

TI Method and apparatus for prioritizing deletion of received messages based on message source and message order

IN Hosack, Nichola B., Coral Springs, FL, United States

Cannon, Gregory L., Boynton Beach, FL, United States

Robinson, Edward H., Delray Beach, FL, United States

Hill, Richard A., Hollywood, FL, United States

Mondrosch, Nancy E., Boynton Beach, FL, United States

Macko, William J., West Palm Beach, FL, United States

PA Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)

PI US 5418528 950523

AI US 93-113132 930830 (8)

DT Utility

LN.CNT 653

INCL INCLM: 340/825.440

INCLS: 340/825.220

NCL NCLM: 340/825.440

NCLS: 340/825.220

IC [6]

ICM: G08B005-22

EXF 340/825.44; 340/825.22; 340/825.51; 455/38.1; 455/38.4

L5 ANSWER 14 OF 23 USPATFULL

AN 95:41769 USPATFULL

TI System for extracting historical market information with condition and attributed windows

IN Kolton, Anthony D., Chicago, IL, United States

Gamboa, Ruben A., Austin, TX, United States

Chimenti, Danette S., Austin, TX, United States

PA Logical Information Machine, Chicago, IL, United States (U.S. corporation)

PI US 5414838 950509

AI US 92-897622 920611 (7)

RLI Continuation-in-part of Ser. No. US 91-713359, filed on 11 Jun 1991

DT Utility

LN.CNT 1417

INCL INCLM: 395/600.000

INCLS: 364/DIG.001; 364/408.000; 364/282.100; 364/286.300;
395/161.000

NCL NCLM: 707/104.000

NCLS: 364/DIG.001; 364/282.100; 364/286.300; 395/117.000;

IC [6]
 ICM: G06F015-40
 EXF 395/153; 395/159; 395/161; 395/600; 364/408

L5 ANSWER 15 OF 23 USPATFULL
 AN 94:71668 USPATFULL
 TI Apparatus and method for creation of a user definable video
 displayed document showing changes in real time data
 IN Risberg, Jeffrey S., 3249 Morris Dr., Palo Alto, CA, United States
 94303
 Skeen, Marion D., 3826 Magnolia Dr., Palo Alto, CA, United States
 94306
 PI US 5339392 940816
 AI US 90-636044 901228 (7)
 RLI Continuation-in-part of Ser. No. US 90-632551, filed on 21 Dec
 1990 which is a continuation-in-part of Ser. No. US 90-601117,
 filed on 22 Oct 1990, now patented, Pat. No. US 5257369 which is a
 continuation-in-part of Ser. No. US 89-386584, filed on 27 Jul
 1989, now patented, Pat. No. US 5187787
 DT Utility
 LN.CNT 7121
 INCL INCLM: 395/161.000
 INCLS: 395/155.000; 364/408.000
 NCL NCLM: 345/333.000
 NCLS: 345/334.000; 707/501.000

IC [5]
 ICM: G06F015-62
 ICS: G06F015-16
 EXF 364/144-149; 364/155; 364/161; 364/408; 364/411; 364/412; 364/419;
 358/84

L5 ANSWER 16 OF 23 USPATFULL
 AN 89:96091 USPATFULL
 TI Image display system
 IN Yatsunami, Kenroh, Yamatokoriyama, Japan
 PA Sharp Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
 PI US 4884146 891128
 AI US 88-218991 880714 (7)
 PRAI JP 87-175201 870714
 JP 87-175202 870714
 JP 87-175203 870714
 JP 87-175204 870714
 JP 87-175205 870714
 DT Utility
 LN.CNT 599
 INCL INCLM: 358/400.000
 INCLS: 358/486.000; 358/494.000
 NCL NCLM: 358/400.000
 NCLS: 358/486.000; 358/494.000

IC [4]
 ICM: H04M001-00
 EXF 358/256; 358/280; 358/293; 358/294

L5 ANSWER 17 OF 23 USPATFULL
 AN 84:68011 USPATFULL
 TI Apparatus for receiving and displaying continuously updated data
 IN Parsons, Frederick G., Arlington, VA, United States
 PA Telemet American, Inc., Alexandria, VA, United States (U.S.
 corporation)
 PI US 4486853 841204
 AI US 81-249830 810401 (6)
 DT Utility
 LN.CNT 2084
 INCL INCLM: 364/900.000

NCL NCLM: 345/4000
NCLS: 364/DIG.001; 364/DIG.002; 364/918.000; 364/918.700;
364/918.800; 364/927.000; 364/927.200; 364/928.000;
364/929.000; 364/929.400; 364/932.800; 364/935.000;
364/935.200; 364/942.800; 364/947.000; 364/947.200;
364/949.710; 364/951.100; 364/951.300; 380/042.000;
395/653.000; 705/037.000

IC [3]

ICM: G06F007-00

EXF 235/454; 235/380; 235/381; 235/382; 371/49; 364/200; 364/900;
340/825.26; 340/142; 179/2DP; 370/71

L5 ANSWER 18 OF 23 USPATFULL

AN 83:4410 USPATFULL

TI Payment responsive data display network

IN Fuerle, Gerard A., 4434 N. Third St., Philadelphia, PA, United
States 19140

PI US 4370649 830125

AI US 81-265063 810519 (6)

DT Utility

LN.CNT 473

INCL INCLM: 340/825.350

INCLS: 235/381.000; 179/002.000DP; 364/408.000; 340/825.270

NCL NCLM: 379/093.250

NCLS: 235/381.000; 340/825.270; 340/825.350; 379/093.120;
705/039.000

IC [3]

ICM: H04Q009-00

EXF 179/2DP; 179/6.3R; 364/408; 364/410; 364/412; 340/825.26;
340/825.27; 340/825.35; 235/381

L5 ANSWER 19 OF 23 USPATFULL

AN 82:60037 USPATFULL

TI Electronic stock market terminal game

IN Chodak, Jan B., Rancho Palos Verdes, CA, United States

Tran, Luan G., Redondo Beach, CA, United States

PA Mattel, Inc., Hawthorne, CA, United States (U.S. corporation)

PI US 4363489 821214

AI US 80-197882 801017 (6)

DT Utility

LN.CNT 1613

INCL INCLM: 273/237.000

NCL NCLM: 273/237.000

IC [3]

ICM: A63F003-00

ICS: A63F009-00

EXF 273/1E; 273/148R; 273/237; 273/256; 273/278; 273/DIG.28; 434/107;
364/410

L5 ANSWER 20 OF 23 USPATFULL

AN 77:2023 USPATFULL

TI Stock market investment game

IN Biggs, Fred Conner, 751 Rosecrans St., San Diego, CA, United
States 92106

PI US 4002342 770111

AI US 76-649212 760115 (5)

DT Utility

LN.CNT 290

INCL INCLM: 273/134.000AE

INCLS: 273/134.000AF; 273/134.000D; 273/134.000G

NCL NCLM: 273/239.000

NCLS: 273/256.000; 273/280.000

IC [2]

ICM: A63F003-00

EXF 273/134

L5 ANSWER 21 OF 23 USPATFULL
 AN 74:16490 USPATFULL
 TI SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO
 DISPLAY FORMATS
 IN Coombe, Thomas R., Berlin, NJ, United States
 PA Reuters Limited, London, England (non-U.S. corporation)
 PI US 3801961 740402
 AI US 71-145858 710521 (5)
 DT Utility
 LN.CNT 2139
 INCL INCLM: 340/154.000
 INCLS: 340/324.000AD
 NCL NCLM: 345/023.000
 NCLS: 345/027.000
 IC [1]
 ICM: G06F003-14
 EXF 340/324A; 340/154

L5 ANSWER 22 OF 23 USPATFULL
 AN 72:19150 USPATFULL
 TI DATA HANDLING APPARATUS
 IN Belcher, Richmond D., Thornwood, NY, United States
 Duggan, Robert J., Bronx, NY, United States
 Ellis, George R., Trumbull, CT, United States
 Esslinger, Robert H., Wilton, CT, United States
 Goodyear, W. Frederick, Westport, CT, United States
 Marshall, Joseph C., Chappaqua, NY, United States
 Masone, Thomas R., Stamford, CT, United States
 PA The Bunker-Ramo Corporation, Oak Brook, IL, United States
 PI US 3656148 720411
 AI US 69-839099 690225 (4)
 RLI Division of Ser. No. US 65-460117, filed on 1 Jun 1965, now
 patented, Pat. No. US 3500327 Continuation-in-part of Ser. No. US
 64-370323, filed on 26 May 1964, now abandoned
 DT Utility
 LN.CNT 1609
 INCL INCLM: 340/324.000A
 INCLS: 340/154.000
 NCL NCLM: 345/002.000
 NCLS: 340/825.270; 345/012.000; 345/026.000; 345/141.000
 IC [1]
 ICM: G06F003-14
 EXF 340/324A; 340/334; 340/154; 340/152; 340/146.3; 178/15

L5 ANSWER 23 OF 23 USPATFULL
 AN 71:19128 USPATFULL
 TI SOLENOID CONTROLLED VALVE AND ARMATURE WITH ADJUSTABLE BIAS
 IN Haolloman, Charles J., Stamford, CT, United States
 PA Trans-lux Corporation, New York, NY, United States
 PI US 3589672 710629
 AI US 69-834568 690218 (4)
 RLI Division of Ser. No. US 66-600900, filed on 12 Dec 1966, now
 patented, Pat. No. US 3482344
 DT Utility
 LN.CNT 643
 INCL INCLM: 251/129.000
 INCLS: 251/137.000
 NCL NCLM: 251/129.160
 IC [1]
 ICM: F16K031-06
 EXF 251/129; 251/299; 251/137

9/22/98

=> s l30 and ticker

1

5339,392

clm 10 + ?

197 TICKER

L32

1 L30 AND TICKER

=> d kwic

US PAT NO: 5,339,392 [IMAGE AVAILABLE]

L32: 1 of 1

SUMMARY:

BSUM(6)

An . . . displays of real time data in user definable style, e.g., color, font, background, pen size etc. and format, e.g., quote, **ticker**, graph etc., alarms, and alarm scripts, i.e., user defined scripts of commands to be processed (much like a word processing. . .

SUMMARY:

BSUM(8)

The . . . to information from any source including other programs running on the same host 0 or somewhere else on the network, **ticker** plants, information services or databases. In the preferred embodiment, the program can support data feeds from Reuters Market Feed 2000/IDN, Telekurs **Ticker**, CMQ Telerate MarketFeed, Canquote, and Quotron. In addition, the program (known commercially as the MarketSheet.TM. facility or program) can accept. . .

SUMMARY:

BSUM(9)

In . . . user. For example, a brief style displays only the price where a comprehensive style displays all the available fields. A **ticker** tool can be used as a selective or block **ticker**, and can show data in any display style. Upticks and Downticks can be shown in color and volume information can. . .

DETDESC:

DETD(7)

The middle of the display also shows an instance 20 of a **ticker** class Active Object showing all trades in a specified set of issues that exceed a minimum volume set by the user. This particular criteria for display was programmed by the user using the **ticker** tool represented by icon 19.

DETDESC:

DETD(10)

"Active . . . displays of real time data in user definable style, e.g., color, font, background, pen size etc. and format, e.g., quote,

ticker, graph etc alarms, and alarm scripts, i.e. user defined scripts of commands to be processed (much like a word processing. . .

DETD(DESC:

DETD(27)

The **ticker** tool is a continuously shifting display of trades in a specified list of issues. In addition to attributes, the dialog box for a **ticker** displays the current list of securities being tracked and some commands for manipulating the list. The dialog box is used to change or add to the securities on the list. The **ticker** attributes are:

DETD(DESC:

DETD(29)

Adds . . . is completed with a mouse click on the OK button. Another subscription can be entered with another click on the **Ticker** icon 19.

DETD(DESC:

DETD(35)

Replaces the current **ticker** list with a copy of the one from another **ticker**. A dialog box will pop up requesting the name of the source **ticker**.

DETD(DESC:

DETD(37)

Like Copy From but adds to the current **ticker** list instead of replacing it.

DETD(DESC:

DETD(42)

The subscription entry dialog for the **ticker** tool is as follows:

DETD(DESC:

DETD(45)

Ticker Style (list)

DETD(DESC:

DETD(46)

Used to select the display format for trades or updates to the **ticker** subscription instance. There are generally several styles, similar to those defined for the Quote object. The styles are generally different. . .

DETD(DESC:

DETD(51)

Composite . . . can be created simply by entering for the symbol a period followed by the name of the exchange code. The **ticker** object will then show every update reported by the feed on that exchange.

DETD(DESC:

DETD(52)

The **ticker** object will show new data each time it receives an update from the data feed which includes either a new. . . appear when there is a change of the bid price, ask price, or the volume field. In this way, the **ticker** can handle information from source which do not have the standard field, such as output from the Shredder, an application. .

DETD(DESC:

DETD(217)

Referring . . . is usually the data returned after a request generated by the creation of an Active Object such as a quote, **ticker**, graph etc.

DETD(DESC:

DETD(234)

The . . . from the Teknekron Information Bus.TM. (TIB.RTM.) component, a powerful suite of communication protocols that separate information sources, like MarketFeed 2, **Ticker** III, or Telerate TDPF from information consumers, like the MARKETSHEET.RTM. software or Teknekron's Real Time Spreadsheet. This means the user. . .

DETD(DESC:

DETD(254)

Each Quote and **Ticker** object uses a display style to format its output. These display styles indicate which fields to show (symbol, price, bid, . . .

DETD(DESC:

DETD(265)

Ticker

DETD(DESC:

DETD(266)

Tickers . . . scroll as the subjects change in real-time. The user can specify the securities and exchanges to be included in the **ticker** and set volume thresholds.

DETD(DESC:

DETD(293)

The . . . detail) and a fragment of the Reuters WRLD page. Near the bottom of the sheet are a button and a **ticker**.

DETD(DESC:

DETD(431)

The . . . entered, all selected objects will be renamed. Another use of the Name command is to assign a name to a **ticker** so that its selection list can be copied when defining other tickers.

DETD(DESC:

DETD(492)

PublisherP.h
Quote.c
Quote.h
QuoteP.h
Reader.c
Subscription.c
Subscription.h
SubscriptionP.h
TBAxis.c
TBAxis.h
TBAxisP.h
TBGraphData.c
TBGraphData.h
TBGraphDataP.h
TBGraphView.c
TBGraphView.h
TBGraphViewP.h
Table.c
Table.h
TableP.h
Ticker.c
Ticker.h
TickerP.h
TimeGrid.c
TimeGrid.h
TimeGridP.h
bits.arrow
bits.button
bits.clone
bits.dsgraph
bits.fragment
bits.global
bits.grid
bits.label
bits.publisher
bits.quote
bits.table
bits.tbgraph
bits.ticker
bricks.bits
button.c
dsgraph.c
files.c
fragment.c
global.c
items.c
label.c
menus.c
mondrian.bits
meney.bits
ms.h
ms23.c
msDefaults.cf
msEmpty.cf
msNTIB .RTM..cf
page.h
pagehandler.c
pagemap.c
pagemap.h
publisher.c
quote.c
script.c

```
sheets.c
stylemap.c
stylemap.h
table.c
tbgraph.c
TIB .RTM..c
TIB .RTM..h
ticker.c
time.c
```

Makefile for Second Phase (using GNUmake program):

```
objects =
    Reader.o Manager.o PlaneMgr.o TimeGrid.o
    CharGrid.o Box.o Button.o
    TIB .RTM..o time.o menus.o sheets.o items.o tools.o
    files.o
    script.o stylemap.o label.o Subscription.o
    Quote.o quote.o
    Ticker.o ticker.o pagemap.o pagehandler.o
    Fragment.o fragment.o
    TBXig.o TBGraphView.o TBGraphData.o
    tbgraph.o DSXig.o
    DSGraphView.o
    DSGraphData.o dsgraph.o Publisher.o
publisher.o
. . .
```

DETDDESC:

DETD(630)

Subject . . . need for programming changes when something else changes like changes in the service providers, e.g., a change from IDN to **Ticker 3** for equity prices. All data is provided through a single, uniform interface to client applications. A programmer writing a. . .

DETDDESC:

DETD(820)

The . . . at the service level. Also, it insulates the program from changes in service providers (e.g., a switch from IDN to **Ticker 3** for equity prices). Second, the SASS presents all data through a simple uniform interface: a programmer needing information supplied. . .

DETDDESC:

DETD(1193)

The . . . by block 900 where a composition command is issued to create a display object such as a quote object, a **ticker** etc. While the discussion herein assumes that the display object being created is a quote object, the process described herein. . .

DETDDESC:

DETD(1209)

Referring . . . is represented to the user as a displayed object within his or her "living document", e.g., a quote object or **ticker** object. The update may be the latest price of the particular stock, bond etc. or some other real time aspect of. . .

9/22/98

US PAT NO: 5,339,392 [IMAGE AVAILABLE]

L31: 1 of 1

SUMMARY:

BSUM(7)

The . . . a sheet to display a particular display object is not critical to the invention. A mouse, trackball, digitizer, keyboard, voice **processor** and map coordinate system, touchscreen, or any other present or future device may be used such as a thought **processor**.

DETDESC:

DETD(205)

A script **processor** 86 interprets the commands of scripts entered by a user defining the desired processing to be performed in the case. . . a button or a real time data update which exceeds an alarm limit programmed by the user. Basically, the script **processor** handles requests to process scripts generated by the instances of the Active Objects programmed onto the various Sheets by the. . .

DETDESC:

DETD(213)

The Active Object 100 tells the Display Object 106 what Style Map to use. Then a style **processor** (not shown) in 25 and the Display Object do the work of extracting the proper data from the Data Object. . . be displayed for this Active Object in the location on the current Sheet specified by the user and a style **processor**. This internal representation is sent to the screen rendering system by the style **processor** to actually draw the display seen by the user. The style **processor** is actually implemented in a library and the Display Object 106 contains a pointer to this library and receives a pointer to the style map 104 such that the Data Object can be processed by the style **processor** library programs in 5 accordance with the style map.

DETDESC:

DETD(214)

The . . . document on the network, etc. The commands in the scripting language generally include all the commands understood by the script **processor** as well as commands defined by the user and can, in some embodiments, include commands to the operating system, the high level network interface or other processes running on the network. Generally the commands understood by the script **processor** will include the name of the object, the desired operation and an argument, i.e., what value to set etc.

DETDESC:

DETD(216)

Referring to FIG. 8, there is shown a flow chart of the processing performed by the style **processor** for each) Active Object upon the

occurrence of a data update event. A data update event, represented at 112 causes the style **processor** in the Display Object 106 in step 114 to extract the values from the user specified fields from Data Object. . . to the screen rendering system to render the Display Object 106 in the preferred embodiment. In other embodiments, the style **processor** itself can send the commands to the screen rendering system.

DETDESC:

DETD(217)

Referring . . . the left are shown symbols for some of the input event generators. User events can be generated using a voice **processor** 124, a keyboard 126, a mouse 128, or a touchscreen 130 or any other user manipulated device. Other input events. . .

DETDESC:

DETD(222)

Some . . . a case, the local dispatcher of the Active Object making the transition into the alert state will invoke a script **processor** 154 and send the user specified script for the appropriate alarm event to the script **processor**. The script **processor** then processes the script to carry out the commands specified in the script in the order specified in the script. If one of the commands in the script is to change a color or a font, the script **processor** will call the style map of the Active Object specified in the script (it may be different than the Active. . . processing) and update the style map of that Active Object. If the script calls for publishing some data, the style **processor** calls the high level network interface 90, invokes a publish function and sends the appropriate data to be published on. . . through an operating system call 158, and can invoke other applications 160 running in the same environment. Further, the script **processor** may also cause; the other application to perform some function and may even cause the other application to access the. . .

DETDESC:

DETD(224)

The script **processor** 154 may also be called by the menu objects 56 or the dialogue boxes 60. This allows the; user to. . .

DETDESC:

DETD(513)

Each of the host **processors** 210 and 212 is also programmed with a library of programs, which together comprise the communication interfaces 220 and 222,. . .

DETDESC:

DETD(598)

Referring . . . is linked to the network 214 and to the communication library 230A. There is typically one communication daemon per host **processor**. This host **processor** is shown at 430 in FIG. 35 but is not shown at all in FIG. 36. Note that in FIG. . . 35, unlike the situation in FIG. 21, the client applications 216 and 218 are both running on the same host **processor** 430. Each client application is linked to its own copies of the various library programs in the communication libraries 230A. . .

DETDESC:

DETD(599)

The communication daemons on the various host **processors** cooperate among themselves to insure reliable, efficient communication between machines. For subject addressed data, the daemons assist in its efficient. . .

DETDESC:

DETD(608)

The . . . or service instances filter the data by subject before it is placed in the network thereby conserving network bandwidth, input/output **processor** bandwidth and overhead processing at the receiving ends of communication links.

DETDESC:

DETD(615)

The . . . protocol is that it can switch dynamically from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice-versa) is transparent to higher-level protocols. This transport protocol allows the support. . .

DETDESC:

DETD(624)

Network . . . 230B in FIG. 35. The intelligent multicast protocol makes the most efficient use of limited resources of network and I/O **processor** bandwidth by performing automatic, dynamic switch over from point to point communication protocols to broadcast protocols when necessary. For example,. . .

DETDESC:

DETD(783)

The . . . linked with each application, and a back end TIB.RTM. communication daemon process, for which there is typically one per host **processor**. Note that this functional split between TIB.RTM. library and TIB.RTM. daemon is completely transparent to the application. In fact, the. . .

DETDESC:

DETD(801)

The . . . intelligent multicast protocol implemented in the DCC. This protocol attempts to optimize the limited resources of both network bandwidth and **processor** I/O bandwidth by providing automatic, dynamic switchover from point-to-point communication protocols to broadcast protocols. For example, the protocol may provide. . .

DETDESC:

DETD(818)

Support . . . interest to any application can simply be discarded prior to placing in on the network; thereby, conserving network bandwidth and **processor** I/O bandwidth.

DETDESC:

DETD(842)

The . . . protocol is that it can dynamically switch from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice versa) is transparent to higher-level protocols. This protocol admits the support. . .

CLAIMS:

CLMS(35)

35. The apparatus of claim 34 wherein said program in execution includes a script **processor** program which causes said computer to execute a script comprised of a series of commands selected by said user when. .

=====
* Cover Sheet *
*
=====

*** RE:08736149 ***

* Prepared for: Anthony Blackman *
* By : Nancy Matthes *
* Date : November 25, 1998 *
*-----

Here are the results of your search. If you would like me to try another strategy, please let me know.

Thank you
Nancy
306-4515

Biblit
Nothing relevant

File 8: Ei Compendex(R) 1970-1998/Dec W2
 (c) 1998 Engineering Info. Inc.
 File 77: Conference Papers Index 1973-1998/Nov
 (c) 1998 Cambridge Sci Abs
 File 238: Abs. in New Tech & Eng. 1981-1998/Oct
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 File 34: SciSearch(R) Cited Ref Sci 1990-1998/Nov W3
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 File 111: Natl. Newspaper Index(SM) 1979-1998/Nov 24
 (c) 1998 Info. Access Co.
 File 475: Wall Street Journal Abs 1973-1998/Nov 23
 (c) 1998 The New York Times
 File 481: Delphes Eur Bus 80-1998/NOV W2
 (c) 1998 ACFCI & Chambre Comm Ind Paris
 File 474: New York Times Abs 1969-1998/Nov 23
 (c) 1998 The New York Times

Set	Items	Description
S1	5723	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE() INFORMATION?
S2	140100	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM?
S3	15973	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULTITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?)
S4	1454	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	219453	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	224610	S1 OR S5
S7	1561	S6 AND S2
S8	0	S7 AND (S3 OR S4)
S9	95	S6 AND LOGO? ?
S10	3	S6(10N) LOGO? ?
S11	8955	S2 NOT (LABEL? OR SYMBOL?)
S12	29	S11(20N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S13	1	S12 AND (S3 OR S4)
S14	0	S1 AND S11 AND S4
S15	94	S5 AND S11
S16	0	S12 AND S6
S17	0	S15 AND S1
S18	3332	S11/TI
S19	16	S18 AND S5

File 15:ABI/INFORM(R) 1971-1998/Nov 23
(c) 1998 UMI
File 9:Business & Industry(R) Jul 1994-1998/Nov 24
(c) 1998 Resp. DB Svcs.
File 647:CMP Computer Fulltext 1988-1998/Nov W1
(c) 1998 CMP
File 674:Computer News Fulltext 1989-1998/Nov W4
(c) 1998 IDG Communications
File 275:IAC(SM) Computer Database(TM) 1983-1998/Nov 24
(c) 1998 Info Access Co
File 47:Magazine Database(TM) 1959-1998/Nov 24
(c) 1998 Information Access Co.
File 16:IAC PROMT(R) 1972-1998/Nov 24
(c) 1998 Information Access Co.
File 148:IAC Trade & Industry Database 1976-1998/Nov 24
(c) 1998 Info Access Co
File 624:McGraw-Hill Publications 1985-1998/Nov 18
(c) 1998 McGraw-Hill Co. Inc
File 696:DIALOG Telecom. Newsletters 1995-1998/Nov 24
(c) 1998 The Dialog Corp.
File 370:Science 1996-1998/Oct W1
(c) 1998 AAAS
File 583:IAC Globalbase(TM) 1986-1998/Nov W4
(c) 1998 Information Access Co.
File 621:IAC New Prod.Annou.(R) 1985-1998/Nov 24
(c) 1998 Information Access Co
File 635:Business Dateline(R) 1985-1998/Nov 23
(c) 1998 UMI
File 610:Business Wire 1986-1998/Nov 24
(c) 1998 Business Wire
File 553:Wilson Bus. Abs. FullText 1982-1998/Oct
(c) 1998 The HW Wilson Co
File 609:Bridge World Markets News 1989-1998/Nov 24
(c) 1998 Bridge

Fulltext

Set	Items	Description
S1	97750	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE() INFORMATION?
S2	1128871	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM?
S3	108555	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULTITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?)
S4	5872	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	1657294	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	1697142	S1 OR S5
S7	169839	S6(10N)S2
S8	312	S7 NOT (LABEL? OR SYMBOL?)
S9	0	S8(30N) (S3 OR S4)
S10	0	S8(50N) (S3 OR S4)
S11	7	S8 AND (S3 OR S4)
S12	0	S8(50N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S13	0	S8 AND (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S14	1016	S6(S) (S3 OR S4)
S15	117	S6(S)S4
S16	0	S15 AND S8
S17	11	S15(S)GRAPHIC?
S18	826	S6(10N)LOGO? ?
S19	1	S18(10N)SCROLL?
S20	1	S19 NOT S17
S21	121	S6(5N) (S3 OR S4)
S22	0	S21(10N)LOGO? ?

17/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)
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01498335

01-49323

The great wall wars

Sales, Robert

Wall Street & Technology Product Digest Supplement PP: 24-27 Fall 1997

ISSN: 1060-989X JRNL CODE: WSC

AVAILABILITY: Fulltext online. Photocopy available from ABI/INFORM 15851.00

WORD COUNT: 1889

...ABSTRACT: Trans-Lux Corp. has clearly established itself as the dominant vendor of price displays at **exchanges**, other **financial** institutions - such as brokerage houses and banks - are increasingly considering alternatives to LED technology. Imtech Corp. has made a big splash in the **financial** services **market** earlier in 1997 when it unveiled MarketSite - a giant **video** wall display it built for Nasdaq. One capability that Imtech has - and which Trans-Lux is...

... picture wall technology, Trans-Lux can deliver news headlines, special internal messages and charting and **graphic** capability - but the vendor has yet to master the ability to deliver full motion video.

17/3,K/2 (Item 1 from file: 9).
DIALOG(R)File 9:Business & Industry(R) Jul
(c) 1998 Resp. DB Svcs. All rts. reserv.

01829072 (USE FORMAT 7 OR 9 FOR FULLTEXT)

brand builders: Bright Board, Big Logos

(The Nasdaq Stock Market develops a catchy big board, MarketSite, with bright colors and big logos, making it more accessible)

Brandweek, v 38, n 19, p 22+

May 12, 1997

DOCUMENT TYPE: Journal ISSN: 1064-4318 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 679

ABSTRACT:

The Nasdaq **Stock Market** has developed a catchy big board, MarketSite, with bright colors and big logos, which makes...

...created a TV studio in its New York, NY, offices that includes a 55-ft **wall** of **monitors** designed to provide a state-of-the-art setting for broadcast financial news organizations. Both...

...developed so that actively traded stocks, for example, can be singled out and displayed with **graphics** that show, via a color line-graph, the hour by hour movement of the stock...

17/3,K/3 (Item 1 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)
(c) 1998 Information Access Co. All rts. reserv.

01014508

53225445

COMDEX Fall Exhibitor News Summary Through Nov. 16; Part Two of Four.

Business Wire

Nov 17, 1998 WORD COUNT: 1020

...0 with OLAP

Services; Company's Product Development Efforts to Bring Power of OLAP to **Financial** Users

Data General First to Guarantee 99.9% Uptime for Microsoft SQL Server

Copyright 1997 Canada NewsWire Ltd.
Canada NewsWire

April 4, 1997, Friday

SECTION: Financial News

LENGTH: 437 words

HEADLINE: Attention Television News Directors/Business Reporters: NASDAQ VIDEO
NEWS RELEASE VIA SATELLITE

DATELINE: TITLE: NASDAQ LAUNCHES MARKETSITE -- Computer graphics clearly present
stock market activity...Innovative ticker displays familiar, easy to

identify corporate logos.
TORONTO, April 4

BODY:

The innovative facility, a 55 foot by eleven foot installation of 100
monitors and 75 Pentium processors, is linked to real-time market data and

File 278:Microcomputer Software Guide 1998/Nov

(c) 1998 Reed Elsevier Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-1998/Oct

(c)1998 Info.Sources Inc

Software

Set	Items	Description
S1	26	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRAD FORMATION?
S2	3560	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM ?
S3	1295	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL
S4	6	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N)WALL? ?
S5	1799	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	1811	S1 OR S5
S7	63	S6 AND S2
S8	23	S7 NOT SYMBOL?
S9	6	S8 NOT LABEL? ?
S10	19	S6(50N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S11	10	RD S10 (unique items)

11/3,K/2 (Item 1 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00108523 DOCUMENT TYPE: Review

PRODUCT NAMES: Unwired Planet (711233)

TITLE: Squeezing Web Data
AUTHOR: Whelan, Carolyn
SOURCE: Electronic News, v44 n2208 p46(2) Mar 2, 1998
ISSN: 1061-6624
HOMEPAGE: <http://www.interport.net/enews>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980930

...service, corporate customers use Unwired's software to construct or change Web pages with limited **graphics** and text. The software pares down information requested by a user, to eliminate unneeded **graphics** and content, and sends it on a regular basis to the user's phone. A data-enabled phone can support bit-mapped **graphics** or **display** text only, and this content is converted to between four and 10 lines of text between 12 and 20 characters wide on the screen. Types of **information** available include **stock** quotes, traffic and weather reports, directories, and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all messages are listed on the **display**. The technology operates like a networked computer to split a browser and put a small...

11/3,K/3 (Item 2 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00104950 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Money Financial Suite Windows 95 & NT Beta (673927); Quicken Suite 98 Windows 95 & NT Beta (673935)

TITLE: Don't Bank on This Financial Pair (Yet)
AUTHOR: Patz, Joel T.
SOURCE: Windows Magazine, v8 n12 p112(2) Dec 1997
ISSN: 1060-1066
HOMEPAGE: <http://www.winmag.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: C

REVISION DATE: 980830

...chart. However, the Web link drastically impacts program performance. Money also had trouble connecting to **stock symbols**, while Quicken did so easily, and returned likely matches to information entered in a query...
...and mutual fund price quotes, but Quicken only provides a week's worth. Money's **graphical** user interface (GUI) suffers from a simplistic main menu, hides some often-performed tasks, and...

11/3,K/4 (Item 3 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00054053

DOCUMENT TYPE: Review

PRODUCT NAMES: Graphics for Science & Engineering (830368)

TITLE: Modern Science

AUTHOR: Hayes, William P.

SOURCE: Workstation News, v4 n7 p16(3) Jul 1993

ISSN: 1049-491X

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...product that is no longer limited to use by engineers and scientists. Its ability to **display** data is in great demand for such applications as **financial data** analysis and trend-spotting. VDA is a discovery tool for many professionals. For example, NASA first began using it to make data analysis straightforward for engineering professionals. Users must first **display** data, in order to begin a search for patterns. Data are then reorganized into smaller...

...succession. Effective VDA environments require data manipulation and management, development tools, GUIs, numerics, visualization, presentation **graphics**, platforms, and networks.

11/3,K/5 (Item 4 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00041414

DOCUMENT TYPE: Review

PRODUCT NAMES: Metaphor Mixer (406759); Capri (902316); WorldToolKit (406741)

TITLE: Big Money in Cyberspace

AUTHOR: Staff

SOURCE: CyberEdge Journal, v11 p13(1) Sep/Oct 1992

ISSN: 1061-3099

HOME PAGE: <http://www.cyberedge.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...virtual reality software that permits financial managers to physically interact with a world comprised of **financial markets**, stocks, and equities. The PC-based system, appropriately dubbed Metaphor Mixer, was developed using Sense8's WorldToolKit and visually **displays** as many as 10,000 stocks at once, with an update rate of twenty frames per second. Maxus intends to market the system as an idea generator, which provides **graphical** representations of the complex interrelationships of **financial markets**. Metaphor Mixer is currently being used to manage a \$106 billion college teachers' pension fund...

11/3,K/6 (Item 5 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00039951

DOCUMENT TYPE: Review

PRODUCT NAMES: Company - NeXT Software Inc (850632)

TITLE: Next To Join OMG At Object World
AUTHOR: Richman, Dan
SOURCE: Open Systems Today, v102 p4(1) Jul 20, 1992
ISSN: 1061-0839

RECORD TYPE: Review
REVIEW TYPE: Company

REVISION DATE: 960531

...users and contains communications objects and device drivers; database systems and objects; education and training; **financial** analysis; **information display**; multimedia; networking; telecommunications and ISDN; publishing, **graphics** and three-dimensional objects; and user-interface objects.

11/3,K/7 (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00037980 DOCUMENT TYPE: Review

PRODUCT NAMES: Carbon Copy for Windows (359211); Lotus Notes (702137); 1-2-3 (004738); Harvard Graphics for Windows (349933); NetWare (699683)

TITLE: Lotus Notes Can Ease the Process of Corporate Globalization
AUTHOR: LaPlante, Alice
SOURCE: InfoWorld, v14 n27 p60(1) Jul 6, 1992
ISSN: 0199-6649
HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and Harvard Graphics for Windows; a NetWare LAN. Managers can download mainframe **financial data** to an IBM PS/2 Model 70 and **display** it **graphically** as needed. Forbes is encouraged by his colleagues' positive reception to groupware concepts; he plans...

11/3,K/8 (Item 7 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00033179 DOCUMENT TYPE: Review

PRODUCT NAMES: XRT/graph 1.2 (338761)

TITLE: KL Group's XRT/graph widget
AUTHOR: Staff
SOURCE: X Journal, v1 n4 p81(2) Mar/Apr 1992
ISSN: 1056-7003

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 950401

XRT/Graph 1.2, a graphing widget for X applications, plots **graphics** files. Developers can use the combined **graphics** library and graph builder to produce dynamic graphs and charts for scientific, financial, and related

...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It extends Motif by **displaying** data in such formats as basic X-Y plots, bar, stacking bar, and pie charts. The graphs are fast enough for many real-time applications, allowing **display** of dynamic input such as scientific data and **stock** prices, along with static data from database queries. The article describes how XRT/Graph provides...

11/3,K/9 (Item 8 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00028605 DOCUMENT TYPE: Review

PRODUCT NAMES: Open Look-Sun X-view (237434); UNIX (699675)

TITLE: Boston Exchange Looks to Unix

AUTHOR: Krill, Paul

SOURCE: UNIX Today!, v77 p44(1) Aug 5, 1991

ISSN: 1040-5038

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 980730

The Boston Stock Exchange is purchasing UNIX workstations to increase its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and the Open Look **graphical** user interface **display** market data, trading information, limit order books, and trading activity. The network lets Exchange members...

11/3,K/10 (Item 9 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00021503 DOCUMENT TYPE: Review

PRODUCT NAMES: Wealthbuilder 1.1 (228524)

TITLE: Can Software Help You Get Rich?

AUTHOR: Kleinholz, Lisa

SOURCE: Home Office Computing, v8 n8 p30(2) Aug 1990

ISSN: 0899-7373

HOME PAGE: <http://www.smalloffice.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

REVISION DATE: 970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder features a comprehensive database, which includes extensive **financial data**, and a portfolio manager that tracks specific investments. Some problems with file handling and **graphics display** were encountered, but overall, WealthBuilder is a good package with solid financial management capabilities.

?

European
Patent
File

Set	Items	Description
S1	9	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE FORMATION?
S2	38831	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB?
	?	
S3	7243	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY
S4	290	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	549	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET. . OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	551	S1 OR S5
S7	5	S6(S) (S3 OR S4)
S8	29	S6(S) S2
S9	0	S8 NOT (LABEL? OR SYMBOL?)
S10	0	S6(15N) (GRAPHIC? (2N) SYMBOL? ?)

7/5/1

DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00765777

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Method and apparatus for video data management

Verfahren und Gerat zur Videodatenverwaltung

Methode et appareil pour la gestion de donnees video

PATENT ASSIGNEE:

SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,
Princeton, New Jersey 08540, (US), (applicant designated states:
DE;FR;GB)

INVENTOR:

Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)
Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)
Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)
Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)

LEGAL REPRESENTATIVE:

Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial
House 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 719046 A2 960626 (Basic)
EP 719046 A3 971126

APPLICATION (CC, No, Date): EP 95116066 951011;

PRIORITY (CC, No, Date): US 346453 941129

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2

A computer-implemented method for use by a viewer for the management of video data in a stored video stream, the video stream including a plurality of video shots wherein each shot comprises a sequence of frames, the comprises defining and storing in memory on a frame-sequence axis a time-based model of the video stream; defining and storing in memory on the frame-sequence axis at least one of a space-based model of the video stream, an object-based model of the video stream, and an event-based model of the video stream. The method further comprises selectively scanning through such of the models as have been defined; identifying time, space, object, and/or event segments of interest in such of the models as have been defined; and selecting for viewing portions of the video stream associated with the segments of interest.
(see image in original document)

ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960626 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 971126 A3 Separate publication of the European or
International search report

Change: 971126 A2 Obligatory supplementary classification
(change)

Change: 980527 A2 Representative (change)

Examination: 980715 A2 Date of filing of request for examination:
980519

Change: 980722 A2 Representative (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	2388
SPEC A	(English)	EPAB96	5983
Total word count - document A			8371
Total word count - document B			0
Total word count - documents A + B			8371

7/5/2

DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00594588

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Light tree display for a horizontal carousel

Leuchtanzeige fur waagerechte Forderanlage

Dispositif d'affichage lumineux pour installation d'acheminement horizontale

PATENT ASSIGNEE:

Constructor Lagertechnik GmbH, (2114870), Alte Papiermuhle 25, 51688

Wipperfurth, (DE), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

INVENTOR:

Murphree, Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)

LEGAL REPRESENTATIVE:

Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwalte

Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59
, 81476 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 597464 A1 940518 (Basic)

EP 597464 B1 970423

APPLICATION (CC, No, Date): EP 93118224 931110;

PRIORITY (CC, No, Date): US 974252 921110

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;
SE

INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1

A programmable, visible display system or "light tree" for indicating loading and picking information to an operator of a storage conveyor of the horizontal carousel type is disclosed. The system includes a vertically extending array of regularly spaced lightable elements that is located adjacent the position occupied by a selected shelf of trays or bins for containing items to be stored or distributed. The display is programmed to match the vertical spacing of the shelves in each carrier of the storage conveyor so as to display information regarding the number of items to be removed from or placed in the bins when adjacent to the array, such information being horizontally aligned with the associated bin. (see image in original document)

ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940518 A1 Published application (A1with Search Report
;A2without Search Report)

*Assignee: 940601 A1 Applicant (transfer of rights) (change):
Electrolux Constructor GmbH (588331) Postfach
12 80 D-51676 Wipperfurth (DE) (applicant
designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

Examination: 950118 A1 Date of filing of request for examination:
941117

Examination: 960124 A1 Date of despatch of first examination report:
951208

Change: 960703 A1 Representative (change)

*Assignee: 960703 A1 Applicant (transfer of rights) (change):
Constructor Lagertechnik GmbH (2114870) Alte
Papiermuhle 25 51688 Wipperfurth (DE)
(applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

*Assignee: 960703 A1 Previous applicant in case of transfer of
rights (change): Electrolux Constructor GmbH
(588331) Postfach 12 80 D-51676 Wipperfurth
(DE) (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

Grant: 970423 B1 Granted patent

Oppn None: 980415 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	802

CLAIMS B	(English)	EPAB97	663
CLAIMS B	(German)	EPAB97	629
CLAIMS B	(French)	EPAB97	762
SPEC A	(English)	EPABF2	2978
SPEC B	(English)	EPAB97	3008
Total word count - document A			3781
Total word count - document B			5062
Total word count - documents A + B			8843

7/5/3

DIALOG(R) File 348:European Patents
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00538379

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Virtual channels for a multiplexed analog component (MAC) television system.

Virtuelle Kanäle für ein Multiplexanalogkomponentenfernsehsystem (MAC).
Canaux virtuels pour un système de télévision à composante analogique multiplexée.

PATENT ASSIGNEE:

SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,
Atlanta, GA 30348, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)
Gammie, Keith, 51 Hawkridge Avenue, Markham, Ontario, Canada L3P 1W1,
(CA)

Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit
One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)

LEGAL REPRESENTATIVE:

Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings
Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 508654 A2 921014 (Basic)
EP 508654 A3 940525

APPLICATION (CC, No, Date): EP 92302676 920327;

PRIORITY (CC, No, Date): US 677555 910329

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;
H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;

CITED PATENTS (EP A): WO 8801463 A; US 4866770 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &
JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2

A decoder for use in a television system. The decoder includes a receiver for receiving a television signal having at least one channel. Each channel of the television signal includes video and audio components. A channel maps the channel received by the receiver to a plurality of virtual channels. A first virtual channel utilizes a first combination of video and audio components of the received channel and a second virtual channel utilizes a second combination of video and audio components of the same received channel different than the first combination. A selector allows a subscriber to select one of the virtual channels. Linked text pages may also be mapped to one or more of the virtual channels.

ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 921014 A2 Published application (A1with Search Report
;A2without Search Report)

Change: 921223 A2 Inventor (change)

Change: 940518 A2 Obligatory supplementary classification
(change)

Search Report: 940525 A3 Separate publication of the European or

Examination: 950118 A2 International search report
Date of filing of request for examination:
941124
Change: 950405 A2 Representative (change)
*Assignee: 951213 A2 Applicant (transfer of rights) (change):
SCIENTIFIC-ATLANTA, INC. (353654) One
Technology Parkway South Norcross, GA
30092-2967 (US) (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
)
*Assignee: 951213 A2 Previous applicant in case of transfer of
rights (change): SCIENTIFIC-ATLANTA, INC.
(353651) One Technology Parkway, Box 105600
Atlanta, GA 30348 (US) (applicant designated
states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
)
Examination: 970528 A2 Date of despatch of first examination report:
970414

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	802
SPEC A	(English)	EPABF1	7820
Total word count - document A			8622
Total word count - document B			0
Total word count - documents A + B			8622

7/5/4

DIALOG(R)File 348:European Patents
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00412257

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

TV DATA CAPTURE DEVICE

FERNSEHDATENERFASSUNGSGERAT

UNITE DE SAISIE DE DONNEES DE TELEVISION

PATENT ASSIGNEE:

YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),
(applicant designated states: AT;DE;FR;GB;NL)

INVENTOR:

YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)

LEGAL REPRESENTATIVE:

Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,
Winchester, Hampshire SO23 9SY, (GB)

PATENT (CC, No, Kind, Date): EP 464025 A1 920108 (Basic)

EP 464025 A1 921028

EP 464025 B1 960306

WO 9106912 910516

APPLICATION (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

DESIGNATED STATES: AT; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04N-005/445;

CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551

A; US 4803551 A; GB 2107159 A; GB 2107159 A

CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880
A; US 4734764 A

CITED REFERENCES (EP A):

See also references of WO9106912;

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920108 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 920108 A1 Date of filing of request for examination:
910626

Search Report: 921028 A1 Drawing up of a supplementary European search
report: 920910

Examination: 940727 A1 Date of despatch of first examination report:

940615

Grant: 960306 B1 Granted patent
Change: 960508 B1 Representative (change)
Change: 961204 B1 Representative (change)
Lapse: 970115 B1 Date of lapse of the European patent in a
Contracting State: AT 960306
Oppn: 970122 B1 Opposition 01/961205 Philips Electronics N.V.;
Groenewoudseweg 1; NL-5621 BA Eindhoven; (NL)
(Representative:) Schmitz, Herman Jan Renier;
INTERNATIONAAL OCTROOIBUREAU B.V., Prof.
Holstlaan 6; 5656 AA Eindhoven; (NL)

LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	483
CLAIMS B	(German)	EPAB96	485
CLAIMS B	(French)	EPAB96	531
SPEC B	(English)	EPAB96	3865
Total word count - document A			0
Total word count - document B			5364
Total word count - documents A + B			5364

7/5/5

DIALOG(R) File 348: European Patents
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00294921

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Multicast data distribution system.

Mehrfachaussendungsdatenubermittlungssystem.

Systeme de repartition de donnees a recepteurs multiples.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Naron, Steven E., 9909 Sorrel Avenue, Potomac Maryland 20854, (US)
Branan, John M., 404 Suffield Drive, Gaithersburg Maryland 20878, (US)
Martin, Gerland Arnold, 12528 War Admiral Way, Darnestown Maryland 20878,
(US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland
Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 303830 A2 890222 (Basic)
EP 303830 A3 910206
EP 303830 B1 940202

APPLICATION (CC, No, Date): EP 88111425 880715;

PRIORITY (CC, No, Date): US 87850 870821

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-012/18;

CITED PATENTS (EP A): WO 8603642 A; US 4569042 A

CITED REFERENCES (EP A):

A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,
Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2

A data distribution system for the timely, efficient and reliable distribution of data to an unlimited number of remote receiver installations. A data source (100) assembles data packets, and upon filling or after the lapse of a predetermined interval of time, broadcasts a respective data packet to all receivers (120) and recovery means along a communication network. Each receiver is intelligent, in that it copies the data packets into a buffer and has the responsibility of selecting out data needed to perform the receiver's intended functions. As a result, intermediate data selecting and routing means between the data source and receivers are avoided, resulting in data delivery which is both rapid and timely. For reliability, each receiver

* * * * *
FILE 'USPAT' ENTERED AT 09:27:40 ON 20 NOV 1998

* * * * *
* W E L C O M E T O T H E *
* U . S . P A T E N T T E X T F I L E *
* * * * *

=> s ticker

L1 197 TICKER

=> s ticker display?

197 TICKER
289378 DISPLAY?
L2 12 TICKER DISPLAY?
(TICKER(W)DISPLAY?)

=> d 12 1-

1. 5,809,483, Sep. 15, 1998, Online transaction processing system for bond trading; S. William Broka, et al., 705/37 [IMAGE AVAILABLE]
2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47 [IMAGE AVAILABLE]
3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user definable video displayed document showing changes in real time data; Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]
4. 5,270,922, Dec. 14, 1993, System for distributing, processing and displaying financial information; Gerard M. Higgins, 705/37; 340/825.26 [IMAGE AVAILABLE]
5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]
6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]
7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115; 340/825.26 [IMAGE AVAILABLE]
8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]
9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]
10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W. Andrews, et al., 345/148; 340/825.26 [IMAGE AVAILABLE]
11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]
12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS; Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

9/22/98

1. 5,722,192, Mar. 3, 1998, Moving decorative display for articles of clothing; Sybil Salley, 40/329, 452, 586, 661; 362/106 [IMAGE AVAILABLE]
2. 5,515,076, May 7, 1996, Multi-dimensional array video processor system; E. Earle Thompson, et al., 345/139, 502 [IMAGE AVAILABLE]
- ✓ 3. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]
4. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]
5. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]
6. 3,656,148, Apr. 11, 1972, DATA HANDLING APPARATUS; Richmond D. Belcher, et al., 345/2; 340/825.27; 345/12, 26, 141 [IMAGE AVAILABLE]
7. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]
8. 3,611,348, Oct. 5, 1971, CHARACTER DISPLAY SYSTEM; William Paul Rogers, 345/25; 340/825.26 [IMAGE AVAILABLE]
9. 3,566,090, Feb. 23, 1971, APPARATUS FOR CONTROLLING THE RATE OF TRANSFER OF INFORMATION; Ronald W. Johnson, 377/26; 340/825.27; 364/918, 918.7, 926.1, 926.5, 927.2, 927.4, 934, 934.1, 934.3, 939, 939.4, 942.7, 947, 947.6, DIG.2; 377/49; 395/200.63 [IMAGE AVAILABLE]

=> d his

(FILE 'HOME' ENTERED AT 16:57:52 ON 19 NOV 1998)

L1 FILE 'USPATFULL' ENTERED AT 16:58:11 ON 19 NOV 1998
6 S DISPLAY (6W) (STOCK TICKER OR STOCK SYMBOL# OR STOCK PRI

L2 FILE 'WPIDS' ENTERED AT 17:05:02 ON 19 NOV 1998
16 S L1

=> d 1-16

L2 ANSWER 1 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 98-073575 [07] WPIDS
DNN N98-058946
TI Information display for showing news data corresponding to variation
of stock price in security industry - has display unit which shows
received news information when CPU determines that news information
coincide with search condition so that caution evocation of news
information is performed.
DC T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09311774 A 971202 (9807)* 7 pp G06F003-14
ADT JP 09311774 A JP 96-126121 960521
PRAI JP 96-126121 960521
IC ICM G06F003-14
ICS G06F017-21

L2 ANSWER 2 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 98-048366 [05] WPIDS
DNN N98-038637
TI Fixing method of **display** node for **stock**
price information - involves mounting of claws and stopper
of display nodes on attachment hole.
DC P85
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09297540 A 971118 (9805)* 3 pp G09F007-18
ADT JP 09297540 A JP 96-109041 960430
PRAI JP 96-109041 960430
IC ICM G09F007-18
ICS G09F007-02

L2 ANSWER 3 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-541494 [50] WPIDS
DNN N97-450828
TI Stock price report display device for information transfer system -
has **display** screens which **display stock**
price information and brand name in several rows, according
to respective area number and display method.
DC P85 T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09259182 A 971003 (9750)* 12 pp G06F017-60
ADT JP 09259182 A JP 96-68824 960325
PRAI JP 96-68824 960325

IC ICM G06F017-6
ICS G06F003-14; G09G003-00

L2 ANSWER 4 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-476929 [44] WPIDS
DNN N97-397713
TI Information display device for e.g. bank, security company - has display screen that displays entire news information e.g. stock prices, interest rates by allowing continuous flowing of news information to display.
DC P85 T01
PA (MATU) MATSUSHITA DENKI SANGYO KK
CYC 1
PI JP 09223173 A 970826 (9744)* 10 pp G06F017-60
ADT JP 09223173 A JP 96-31787 960220
PRAI JP 96-31787 960220
IC ICM G06F017-60
ICS G09G003-00
ICA G09G005-00

L2 ANSWER 5 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-216647 [20] WPIDS
DNN N97-178634 DNC C97-069931
TI Electrochromic element used in glare-proof mirror of large sized display plates such as stock price display - has sealing layer which is sealed between pair of glass substrates, using fluororesin type adhesive.
DC A14 A85 P81 U14 V07
PA (TOFU) TONEN CORP
CYC 1
PI JP 09061857 A 970307 (9720)* 7 pp G02F001-161
ADT JP 09061857 A JP 95-218714 950828
PRAI JP 95-218714 950828
IC ICM G02F001-161
ICS G02F001-15

L2 ANSWER 6 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-142212 [13] WPIDS
DNN N97-117744
TI Display device of security commercial scene information such as stock price - has screen output part which outputs selected information according to screen structure in screen structure memory part.
DC P85 T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 09022267 A 970121 (9713)* 12 pp G09G003-00
ADT JP 09022267 A JP 95-194066 950707
PRAI JP 95-194066 950707
IC ICM G09G003-00
ICS G06F003-14; G09G005-36

L2 ANSWER 7 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 97-091280 [09] WPIDS
DNN N97-075203
TI Stock price data display for various stock brands - has stock price data display command unit that displays stock price data entered into input unit on appointed positions on display boards.
DC P85 T01 T04
PA (MATU) MATSUSHITA DENKI SANGYO KK
CYC 1
PI JP 08328500 A 961213 (9709)* 7 pp G09G003-00
ADT JP 08328500 A JP 95-133420 950531
PRAI JP 95-133420 950531

IC ICM G09G003-0

L2 ANSWER 8 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-510391 [51] WPIDS
DNN N96-430261
TI Market data receiver for selective **display** of received
market data e.g. **stock price** - edits extracted
data code into selection code data and prints edited selection code
data to group.
DC T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08263560 A 961011 (9651)* 14 pp G06F017-60
ADT JP 08263560 A JP 95-90007 950324
PRAI JP 95-90007 950324
IC ICM G06F017-60
ICS G06F019-00

L2 ANSWER 9 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-489655 [49] WPIDS
DNN N96-412593
TI Information **display** appts for **display** of
interest rate, **stock price**, numeric data,
numeric character in bank, security firm - has scroll control unit
to display message information in item display part based on data
from image memory part in state where scrolling is not used.
DC P85 W05
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08248915 A 960927 (9649)* 5 pp G09G003-20
ADT JP 08248915 A JP 95-78137 950309
PRAI JP 95-78137 950309
IC ICM G09G003-20

L2 ANSWER 10 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-177085 [18] WPIDS
DNN N96-148781
TI Information **display** for providing movement of market
stock price information to stock exchange - has
central processing unit for classifying and arranging market stock
price information that will be transferred from data storage part to
display appts., based on information specification from input unit.
DC T01
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08055153 A 960227 (9618)* 6 pp G06F017-60
ADT JP 08055153 A JP 94-189281 940811
PRAI JP 94-189281 940811
IC ICM G06F017-60

L2 ANSWER 11 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
AN 96-168714 [17] WPIDS
DNN N96-141893
TI Cordless stock price reporting device - uses display side control
part to update in harmonious portion of data.
DC T01 W02
PA (KOKZ) KOKUSAI DENKI KK
CYC 1
PI JP 08050618 A 960220 (9617)* 8 pp G06F017-60
ADT JP 08050618 A JP 94-203077 940805
PRAI JP 94-203077 940805
IC ICM G06F017-60
ICS G06F013-00

L2 ANSWER 12 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 96-120790 [13] WPIDS
 DNN N96-101233
 TI Information **display** device for displaying **stock price** - includes controller to perform predetermined processing to information to be displayed based on contents of screen definition file.
 DC T01
 PA (KOKZ) KOKUSAI DENKI KK
 CYC 1
 PI JP 08016667 A 960119 (9613)* 10 pp G06F017-60
 ADT JP 08016667 A JP 94-171583 940701
 PRAI JP 94-171583 940701
 IC ICM G06F017-60
 ICS G06F003-14

L2 ANSWER 13 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 96-067009 [07] WPIDS
 DNN N96-056473
 TI Stock-price reporting system - has two kinds of display terminals that display input information in character data form considered as stock-price information transmitted at different data rates.
 DC W01
 PA (KOKZ) KOKUSAI DENKI KK
 CYC 1
 PI JP 07327087 A 951212 (9607)* 6 pp H04M011-00
 ADT JP 07327087 A JP 94-189102 940601
 PRAI JP 94-189102 940601
 IC ICM H04M011-00
 ICS H04L007-00; H04L029-06

L2 ANSWER 14 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 92-085552 [11] WPIDS
 TI Device for displaying stock-price data from teletext - has decoder, data memory, data controller, data selector, and display unit
 NoAbstract Dwg 1/23.
 DC P85 R57 W03
 PA (SOPH-N) SOPHIA SYST
 CYC 1
 PI JP 04029295 A 920131 (9211)* 18 pp
 ADT JP 04029295 A JP 90-134169 900525
 PRAI JP 90-134169 900525
 IC G09G005-00; H04N007-08

L2 ANSWER 15 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 90-373704 [50] WPIDS
 TI Colour CRTs **display** e.g. for **stock price** list - uses controller for driving four colour CRTs and includes video control boards for supplying data from data source
 NoAbstract.
 PA (KIMS-I) KIM S
 CYC 1
 PI KR 9000475 B 900130 (9050)*
 PRAI KR 87-2246 870713
 IC G06F003-15

L2 ANSWER 16 OF 16 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD
 AN 84-115087 [19] WPIDS
 DNN N84-085013
 TI Electronic display panel for stock prices - has parallel display panels mounted on carriers with integrated circuit chips providing control functions.
 DC P85 T04 U14 W05
 IN BIRK, K P
 PA (OPTI-N) OPTI TABLE ALUMINIUM PROD
 CYC 1

PI DE 3240030 A 0503 (8419)* 22 pp
ADT DE 3240030 A DE 82-3240030 821026
PRAI DE 82-3240030 821026
IC G09F009-35; G09G003-18

* * * * *
FILE 'USPAT' ENTERED AT 09:27:40 ON 20 NOV 1998

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* WELCOME TO THE *
* U. S. PATENT TEXT FILE *
* * * * *

=> s ticker

L1 197 TICKER

=> s ticker display?

197 TICKER
289378 DISPLAY?
L2 12 TICKER DISPLAY?
(TICKER(W)DISPLAY?)

=> d 12 1-

1. 5,809,483, Sep. 15, 1998, Online transaction processing system for bond trading; S. William Broka, et al., 705/37 [IMAGE AVAILABLE]
2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47 [IMAGE AVAILABLE]
3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user definable video displayed document showing changes in real time data; Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]
4. 5,270,922, Dec. 14, 1993, System for distributing, processing and displaying financial information; Gerard M. Higgins, 705/37; 340/825.26 [IMAGE AVAILABLE]
5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]
6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]
7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115; 340/825.26 [IMAGE AVAILABLE]
8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]
9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]
10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W. Andrews, et al., 345/148; 340/825.26 [IMAGE AVAILABLE]
11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]
12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS; Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

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